

\$2.95

JUNE 1993

- \$3K, \$6K, \$12K Super Systems
- 9 A/V Receivers
- 18 Must-Have Laserdiscs

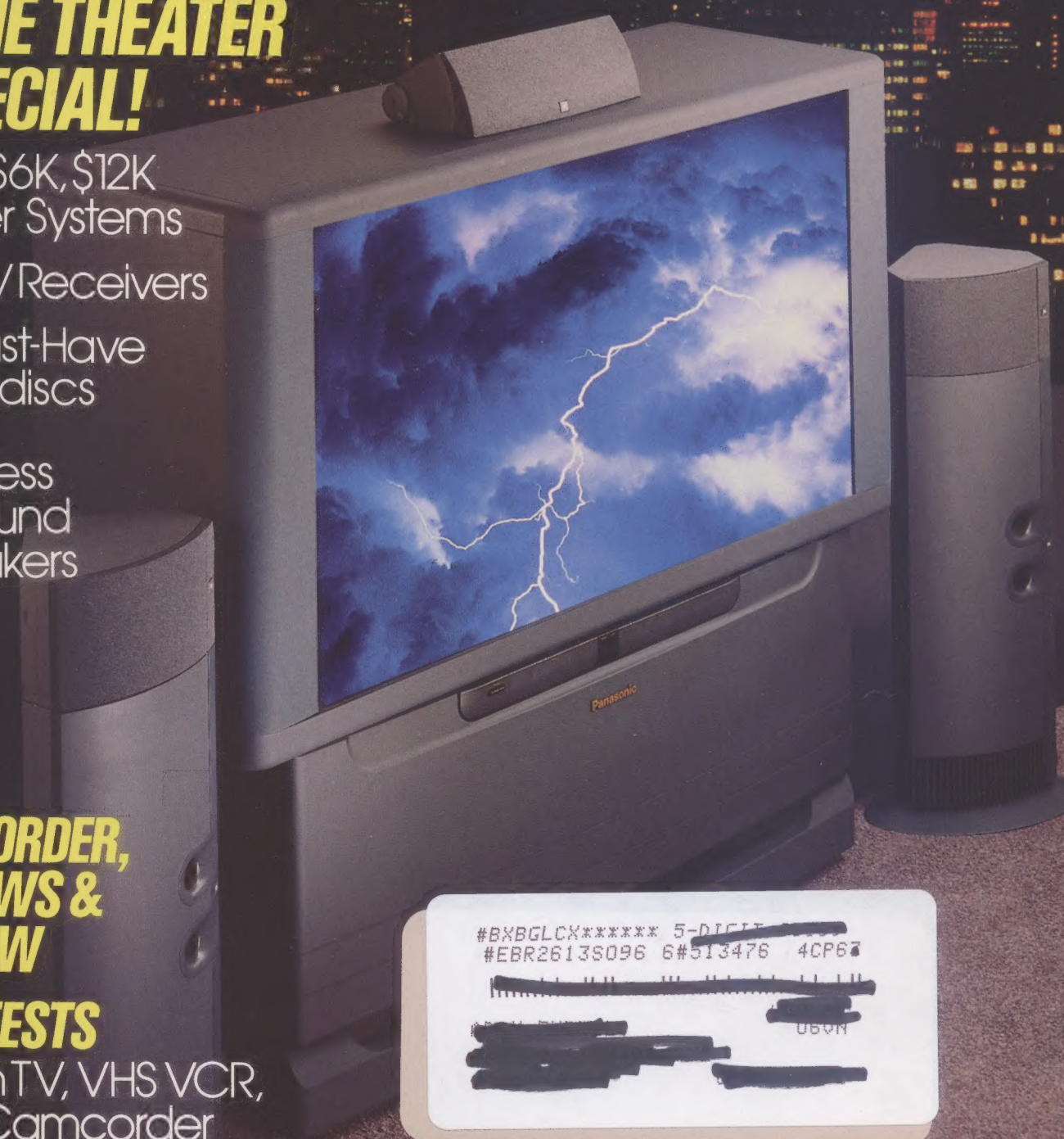
EXCLUSIVE

- ## ● Wireless Surround Speakers

YOUR CAMCORDER, TV NEWS & THE LAW

VIDEOTESTS

32-Inch TV, VHS VCR, 8mm Camcorder



#BXBGLCX***** 5-DIGIT [REDACTED]
#FBR26138096 6#513476 4CP67

U6V12

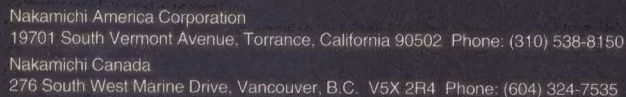
... the Nakamichi AV-1 is your premier choice.

When your music is also important, consider the AV-1 or its more modestly-priced companion receiver, the AV-2.

When your music is also important, consider the AV-1 or its more modestly-priced companion receiver, the AV-2.

Even without their many sophisticated surround-sound and video-related features, the AV-1 and AV-2 would still be outstanding stereo receivers in the Nakamichi tradition. They deliver impeccable sound quality and truly reflect Nakamichi's meticulous attention to detail.

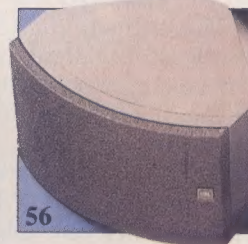
The Nakamichi Audio/Video receivers: designed and built for uncompromising music lovers who also enjoy video.



Circle 1 on Reader Service Card.

VIDEO

magazine



FEATURES

ALL SYSTEMS GO

Three ways to launch your ideal home theater. By Lawrence B. Johnson

DESERT ISLAND DISCS

Six seafaring critics pick their top titles for shipwrecked viewers.

RECEIVER ROULETTE

Nine top A/V receivers roll for top honors in a hands-on home theater shootout. By Brent Butterworth

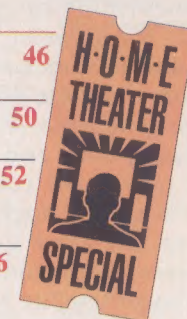
SURROUND SOLUTION

With SoundEffects, JBL creates the world's most versatile home theater speakers. By Brent Butterworth

TRUTH, PRIVACY & THE LAW

How taping Rodney King & the L.A. riots drew two video newshounds into a media whirlwind. By Ron Goldberg

46



50

52

56

58

TAPES & DISCS

REVIEWS

A River Runs Through It, Glengarry Glen Ross, more

EDITOR'S CHOICE / Blade Runner: The Director's Cut. By Kenneth Korman

DIRECTORY / The latest releases on tape and disc

72

73

78

VIDEOTESTS

TOSHIBA CX32C80 32-INCH TELEVISION,
Zenith VRL4210HF VHS VCR, Panasonic AG-3 S-VHS-C camcorder,
Sony CCD-TR61 8mm camcorder. By Berger-Braithwaite Labs

14

DEPARTMENTS

CHANNEL ONE / It's about sound

FEEDBACK / Letters from readers

GAZETTE / Talking about Stephen Hawking, Segawood, Media-Pedia, more

COLLECTOR'S CLEARINGHOUSE / All the Way Home, times two, and more

NEW PRODUCTS / S-VHS VCR, mini LCD projector, motorized pan head, more

CAMCORNER / A primer on the essentials of home editing

HANDS-ON TEST / Videonics. Thumbs Up editor

Q & A / Technical queries answered

OFF THE AIR / Is HDTV doomed? Smoked? Kaput?

4

8

10

13

22

24

26

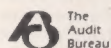
38

114

Cover:

A big picture and big home theater sound with Panasonic's 50-inch widescreen PT-50WF5 rear-projection TV and JBL SoundEffects speakers. Equipment photo by Les Morsillo, skyline by Superstock Inc./Carolyn Schaefer, storm by The Stockmarket/Tom Ives.

Video Magazine
Volume XVII
Number 3



VIDEO Magazine (ISSN 1044-7288) is published monthly by Reese Communications, Inc., 460 W. 34 St., New York, NY 10001. Second-class postage paid at New York, NY and additional mailing office. © 1993 Reese Communications, Inc. All rights reserved. © under Universal, International, and Pan American Copyright Conventions. Reproduction of editorial or pictorial content in any manner is prohibited. Single copy price \$2.95; \$3.50 in Canada; £2.50 in U.K. One-year subscription (12 issues) \$15.; Canada, \$22.47 (includes GST #R125938423) U.S.; foreign, air mail, \$40 U.S. Canadian international publication permit #546488. Address subscription orders, change of address, correspondence and inquiries to: VIDEO, Box 56293, Boulder, CO 80322-6293, or call toll-free 800-365-1008. Change of address takes 60 days to process: send old address label, new address, and zip code. All material listed in this magazine is subject to manufacturer's change without notice, and publisher assumes no responsibility for such change. Printed in the U.S.A. POSTMASTER: Send address changes to VIDEO, Box 56293, Boulder, CO 80322-6293. For microform copies of issues or articles, write to: Serials Acquisition Dept., University Microfilms, Inc., 300 North Zeeb Rd., Ann Arbor, MI 48106.



June 1993

Number Six

Have you ever seen satellite TV? If not, you don't know what you're missing! Because satellite TV offers you the ultimate home entertainment feast: excellent audio reception...exceptional video reception...and superior programming choice. Interested?

Getting Started is now easier than ever. Your local professional satellite dealer can help (he's listed in the Yellow Pages under "Satellite Television" or call 1-800-285-5621 for a dealer referral). He'll be able to demonstrate a variety of home satellite systems in different price ranges that meet your particular needs, and work best in your part of the country. There's even a smaller-sized dish that gives you the same quality features at a lower cost. And don't worry. Your home satellite system will be easy-as-pie to operate. All you have to do is just push a button on your remote control.

And choosing your programming is easy, too. For lots of home satellite system owners, HBO Satellite Services is their first stop. You'll have a variety of programming packages that include the most requested channels like CNN, ESPN, TBS, and TNT to choose from. You also get multiplex HBO and Cinemax — three channels of HBO and two channels of Cinemax, each with their own unique schedule and programming mix. You get HBO, HBO2, HBO3, Cinemax, and Cinemax2 — all for the cost of your regular HBO/Cinemax subscription. It's a great value, and a great way to watch TV.

So, check out satellite TV and multiplex HBO and Cinemax today. You won't believe your eyes and ears!

**Want to know more? Call
HBO Satellite Services at
1-800-285-5621.**

CHANNEL ONE

It's about sound

Home theater has become one of the hottest buzzwords in home video, rivaled only by multimedia. But there has been a continuing debate in some circles about what components comprise a home theater and how much a person needs to spend to recreate the cinema experience in his or her own living room, den or family room. While it's possible to quibble over whether a laserdisc player, a THX system or a line-doubled front projector is the *sine qua non* for true home theater, two things are certain. First, home theater means a big picture with big surround sound. Second, the experience is more affordable than ever.

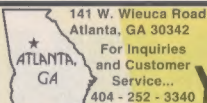
In the early years of the home video era, the emphasis was naturally on the picture. As home screens grew larger, brighter and better, the novelty of viewing feature films at home, whenever you wanted to, developed into a multibillion-dollar business. But as George Lucas and other filmmakers point out, sound is half the experience of a successful feature film. Whether you're absorbing that experience in a movie theater or at home, high-quality surround sound is an integral part of a film's emotional punch. It's the essential element that can turn a room with a big TV into a home theater. And today, truly great home theater is increasingly available at a fraction of the price of a new automobile.

This month, in our second annual "Home Theater Special," we show you how to go about the task of planning a home theater. We present a number of home theater systems at various price ranges, we compare and evaluate a wide selection of A/V receivers, and we ask our editors and contributors to pick their favorite laserdiscs. To top off the package, we close with an exclusive — the first hands-on review of JBL's new SoundEffects home theater speaker system.

We first heard this system in a dramatic demonstration at January's Consumer Electronics Show. Starting with basic 27-inch television sound reproduction, JBL technicians gradually added outboard SoundEffects speakers to transform the demo room into a home theater. It's a demonstration the company is encouraging its retailers to conduct in their stores, and we suggest you find a store that will give you this demo or one like it. If you're not yet fully attuned to the concept, we think you'll be impressed by how affordable home theater — a big picture and big sound — can be.

James M. Barry
Editor

See Details Below.



POLARIS INDUSTRIES....

Your Electronic Depot

Established 1983

Relax, we are
Authorized Dealers
of these manufacturers,
and MORE!

Order Line Only.... **800 - 752 - 3571**

10 Day Money
Back Guarantee

VIDEONICS



TitleMaker

Character Generator: Add high resolution to your videos.
● 48 Font & Size Combinations
● A Million Color Choices
● 20 Special Effects
● 24 Fade & Wipe Effects
● Full Size Keyboard
● Superimpose Feature



\$389.95

Turn your videos into
polished productions!



Thumbs - Up™

The world's easiest-to-use
home video editor! Works with
your camcorder and VCR.
Remove unwanted footage!

call for best price

- 50 Scene Memory
- Automatic Fader
- Advanced Features Like Control-L, etc.
- Built-in Enhancer
- Titler Control

Video Equalizer

Sharpen the picture, add music,
and digitally "paint" your videos.
● Audio Mixer ● Colorizer
● Video Processor ● Enhancer



For BEST PRICES - CALL!

AMBICO

V-6300 Audio/Video Editing Effects Mixer

Generate fades and wipes, in
every color. Create your own
effects with hundreds of patterns.
Fade in any color. Add stereo
background music or narration
with the microphone.



\$289.95

V-0650 Deluxe Video Transfer System

Copy slides, home movies, and photos
to video tape through your camcorder.



Transfer 35mm Slides
to Video!

\$69.95

FX Video Ed/it™ 4

100 unique wipe patterns, stop
wipes, and partial wipes in a
spectrum of colors.

- 2 in / 2 out
- Sound Mixer
- Pro Ed/it 3.....call
- Ed/it 2.....call



\$229.95

ScreenWriter™

Video Titler. Create 15 title pages
at a time to insert onto your video.
● Zoom, scroll or crawl titles
● S-VHS connectors
EasyTitler.....call



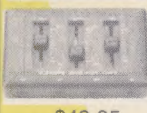
CALL!

AZDEN

Quality Audio for Video

CAM - 3

Record and mix sound on
your camcorder from 3
different sources.



\$49.95

Zoom Microphones

ECZ-440 Table recording ability...\$49.95
ECZ-990 Wide angle & Zoom.....call

WR2 - PRO

2 Channel wireless mic system.
Combine with two other AZDEN "Pro"
mics to automatically mix the sound and
produce a 2 channel effect.

\$179.95

WMS - PRO

VHF Wireless Microphone System with a range
of over 250 Ft. Hand held and
clip-on mic, and carrying case.

WHX-PRO w/ 200ft.
range.....call

AZDEN

Vivitar

AMBICO

FULL LINE OF VIDEO LENSES

2.0X, 0.5X, 1.5X tele lens, wide angle, etc.,
for best prices.....Best Prices - Call

DC to AC Power Converter

400 WATT Peak

- Converts 12V DC to 120V AC
by plugging into Auto, Boat,
or RV cigarette lighter.
- 115V AC power outlet to
appliances, sound, and video.



\$79.95

Resource & Information Center

More Available Call!



DESKTOP VIDEO

\$14.95

Specifies computers,
software, cameras,
lights, mics, & editing
equipment for video production.
Techniques for desktop video.
Adding titles, music & graphics.

"Lenk's Video Handbook"

"Continuity in Film and
Video"

"Create Excellent
Videos"

"The Camcorder
Handbook"

TRI-PODS

bogen Vivitar SLIK

Batteries & Chargers

Head-sets & Mics.

AZDEN



Camcorder lights

SUNPAK

AMBICO

RECOTON

Wireless Video Sender

Connect to any TV, VCR, cable box, Laser
Disc Player, etc., and transmit high quality
pictures and sound to a second TV
for up to 200 feet away!
Uses 900 MHz signals
that travel through walls
and floors.



Broadcast System...\$119.95

Video Sender.....CALL

Remote Extender...\$49.95

Wireless Stereo Speakers

Connect to any Stereo, CD, TV, etc., and
transmit quality stereo
up to 200 feet.

W 440.....\$189.95

W 400.....CALL

PRO-SLATE™

Hey Videographers!
Add true production
style to every video.
Professional slate board.
Metal Frame for durability.



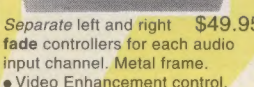
\$49.95

Call!

PRO-MIX™

Audio Mixer & Video Enhancer

Separate left and right
fade controllers for each audio
input channel. Metal frame.
● Video Enhancement control.
● Microphone Input for narration.



\$49.95



S-VHS GOLD Connector Video Dubbing Cable.

4 Pin Mini DIN Heavy gauge shielded cable with
strain relief.

3 FT S-VHS.....\$ 9.99

RCA Cables.....call

6 FT S-VHS.....\$14.99

Package Deals.....call

10FT S-VHS.....\$19.99



\$79.95

Call!

PowerMax™ Plus

SPM-3 Quickcharger and Reconditioner.

- Eliminates battery
memory.
- Charges in
half the
time.
- AC / DC.

PowerMax™ Plus 2

Quickly discharges / charges TWO camcorder batteries.

- Operates on
AC/DC
- LED for battery
power status



\$79.95

Order by 1pm(EST), and We'll Ship That Day!

Business Hours: 9am - 6pm (M-F) Sat. 10-4

All Night Order Line 800-752-3571

Open
Saturday!

MASTERCARD VISA DISCOVER COD

No surcharges for card processing on US orders. S&H not
included. Prices subject to change without notice.

10 Day money-back guarantee. 30 Day exchange. All returned products subject
to a 5% restocking fee. Merchandise MUST be returned in same condition as it
was shipped from Polaris Industries. Merchandise is covered by original
manufacturers warranty. Not responsible for typographical errors.

Call our Friendly sales staff for
the hottest deals and lowest prices.

FREE CATALOG.

800 - 752 - 3571



JOE VIDEO

VIDEO

magazine

President and Managing Director,
Jay Rosenfield

Editor, James M. Barry

Managing Editor, Stan Pinkwas
Technical Editor, Lancelot Braithwaite
Senior Editors, Kenneth Korman,
Brent Butterworth
Assistant Editors, Brian Clark,
April P. Bernard
Contributing Editors: Bob Angus, Mavis
Arthur, Bob Barlow, Frank Beacham, James
Caruso, Steve Daly, Steve Ditlea, Bruce
Eder, Ron Goldberg, Ty Harrington, David
Lachenbruch, Gordon McComb, Marianne
Meyer, Cliff Roth, Richard Warren,
Roderick Woodcock

Art Director, Marshall Moseley
Associate Art Director, Vera Naughton
Art Assistant, Luis Ramos Jr.
Production Manager, James LoGrasso
Production Assistant, Kim Lau
Typesetting, Janet M. Holland

Publisher, Eric C. Schwartz

Associate Publisher, Linda DeRogatis
Circulation Director, Rodney Bell
Circulation Assistant, Rosemary Y. Paver
Newsstand Sales Director, Gerald Levine
Marketing Director, Luanne Rao
Financial Officer, Mark C. Spector
Business Manager, Janette Evans
Assistant Business Manager,
Lily Schwartzberg
Advertising Coordinator, Karen Pellino
Assistant to the President,
Kenneth Bell

Corporate Offices, Editorial & Sales: 460
West 34 Street, New York, NY 10001;
212-947-6500, 212-947-6727 (fax)

West Coast Sales Office: Linda DeRogatis,
Karolynn Humbert, 1453 Third Street,
Suite 490, Santa Monica, CA 90401;
310-393-5057, 310-393-5538 (fax)

Chicago Sales Office: Milton Gerber,
Kristene Richardson, Media Plus, 195
Arlington Heights Road, Suite 160, Buffalo
Grove, IL 60089; 708-913-5400,
708-913-5403 (fax)

Editor-in-Chief, Art Levis (1936-1991)

REESE
COMMUNICATIONS
INCORPORATED

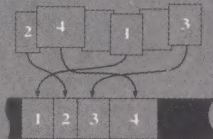
FEATURE-PACKED/PERFORMANCE ORIENTED

JVC VCRs and Camcorders Bring Out Your Best

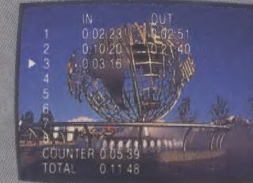
Random Assemble

Editing lets you create interesting videos even if you're a beginner. Network TV shows are broadcast only after hours of complicated editing. But JVC's new VCRs and camcorders let you produce your own attention-

holding videos *easily* with Random Assemble Editing.



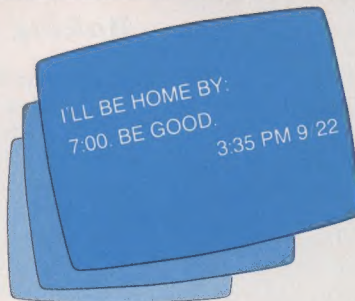
Simply view your original video recording — and, with "one touch ease", select the scenes you want (in any order) for your final tape. Random Assemble Edit will then automatically copy those scenes to a connected VCR. You'll be amazed at the professional results you can achieve.



Fievel is a registered trademark of Universal City Studios & Amblin.

Family Message

Center lets you display messages on your TV screen where they won't get lost or ignored like handwritten memos. When there's a message for you, a button on the VCR blinks to let you know — just like a message lamp in a hotel room. Nine pre-programmed phrases make it even easier to get your message across.

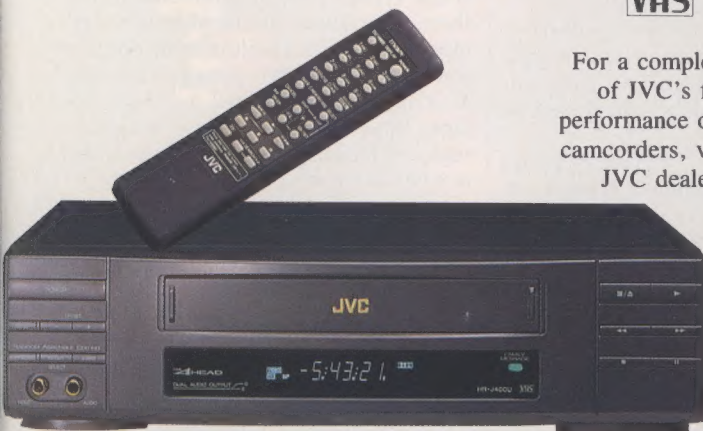


Auto Timer turns the timer on the moment you turn the VCR off. And JVC's Auto Timer lets you choose automatic or manual timer activation via On-Screen Menu selection.

And like all JVC VCRs, the HR-J400 offers the quality you'd expect from the company that invented VHS.

HR-J400U

VHS



For a complete demonstration of JVC's feature-packed, performance oriented VCRs and camcorders, visit the authorized JVC dealer nearest you.

Program AE



offers "finger-tip" control over a variety of shooting situations. Six pre-programmed modes allow you the flexibility to capture the true essence of your subject — at any given moment — without complicated adjustments.



© PHILIPPE OUADA

Design-Integrated Video Light lets you record even when there's no ambient light!

And like all JVC camcorders, the GR-AX55 is Compact VHS. So it uses cassettes you can play on any VHS VCR (via the supplied VHS Playpak).

GR-AX55U

VHSC



JVC is an Official Sponsor of Universal Studios Hollywood and Universal Studios Florida

VHS: The World's Most Popular Video Format

JVC

THE INVENTOR OF VHS

**NEW
TECHNOLOGY,
LOWER PRICES...**

HOME CABLE TV



CNN • USA Network • TNT** •
WGN • Family Channel • HBO &
CINEMAX* • Sci-Fi Channel •
Black Entertainment TV • ESPN**
• Mind Extension University •
CNBC • The Disney Channel* •
The Discovery Channel • The
Movie Channel* • MOR Music •
Headline News • Arts &
Entertainment • The Nashville
Network • Superstation TBS • *and*
MORE!

\$29/mo
O.A.C.

Complete System including Programming.

New! 6-ft. Dish System
for crystal-clear cable
programming nationwide.

For **FREE CATALOG** Call
800-346-6466

"Name Brands Only"



**Geographical restrictions may apply. *These services may require a small additional fee.

FEEDBACK

Quick on the trigger

Several recent magazine articles have covered Sony's new CCD-VX3 camcorder, but yours ("The Missing Link," March '93) stands out as a leader in user-oriented equipment evaluations. No other article notes the trigger fader, for example. Your authors obviously understand the steadiness difficulties of non-trigger faders on other small camcorders.

J.W. Bryson
San Francisco, California

player sounds as good as a stand-alone CD player. I listened to the audio performance of several \$1,000 models from Pioneer, Panasonic and Denon and found that none came close to the sound of a well-built \$500 CD player, similar to the Rotel you mention. As far as I'm concerned, laserdisc is for movies only. I'll keep my Sony CD player for music.

Cary Stegall
New York, New York

Making Beta better

Hi8 camcorder manufacturers are missing the boat with their two- and three-chip CCD designs. Yes, it results in purer color rendition, but manufacturers should concentrate on improving their tape format. Camera optics and CCD imagers already outdistance what little Hi8 is capable of. This fragile, dropout-plagued format should be scrapped altogether in favor of a more robust high-resolution format, like ED Beta. A three-chip ED Beta camcorder lavished with an accurate autofocus system would have amateur filmmakers like myself standing in line to buy one.

Tomm Buzzetta
Florissant, Missouri

Honored musicals

In Bruce Eder's laserdisc review of *An American in Paris* (March '93), he calls it "the second-most-honored musical in movie history (after Minnelli's *Gigi*)." He overlooked *West Side Story*, which I believe is, in fact, the most honored mu-



West Side Glory: Rita Moreno dances her way to an Oscar for Best Supporting Actress.

sical in movie history, garnering 10 Academy Awards. If Eder is using another barometer, I'd be interested in knowing what it is.

Harry Banks
Tranquility, New Jersey

Editor's reply: According to Halliwell's Film Guide, *Gigi* won 10 Academy Awards, *West Side Story* won five and *An American in Paris* won four. All three won the Best Picture award.

Combi sound

Your review of the Panasonic LX-900 ("Videotests," March '93) finally explodes the myth that any good laserdisc

Drawing blanks

I think you missed the mark in "VHS Tape Tests" (March '93). Other than a single comparison to dropouts in 1982, there are no indications of how today's tapes measure in absolute terms, or how they compare to previous generations. Your report does not tell me if top-line tapes bought a few years ago should be replaced because a visible improvement is now obtainable.

John Vaeth
Derwood, Maryland

Editor's reply: As the article noted, today's tapes are better, but we don't recommend replacing older tapes that still perform well.

Video Magazine welcomes your comments. Please include a phone number, but not a return envelope as the volume of mail does not permit replies. Letters may be edited for clarity and space. Address correspondence to Feedback, Video Magazine, 460 West 34 Street, New York, NY 10001.

C · I · N · E · M · A · S · C · R · E · E · N

The television made for movies.

INTRODUCING

C · I · N · E · M · A · S · C · R · E · E · NTM
(33% Wider*)

Buy an RCA CinemaScreen TV now and receive by mail certificates worth \$200 in total savings when you buy laser discs.

RCA

Changing Entertainment. Again.

* 33% wider than conventional televisions with same screen height. *Close Encounters of the Third Kind* provided by The Voyager Company, from their Criterion Collection laser disc release. For a limited time, CinemaScreen TV purchasers can qualify for a special promotional offer on Criterion laser discs. See your dealer for details. TV picture simulated in "Cinema C" mode. © 1993 Thomson Consumer Electronics, Inc.



GAZETTE

Making 'Time'

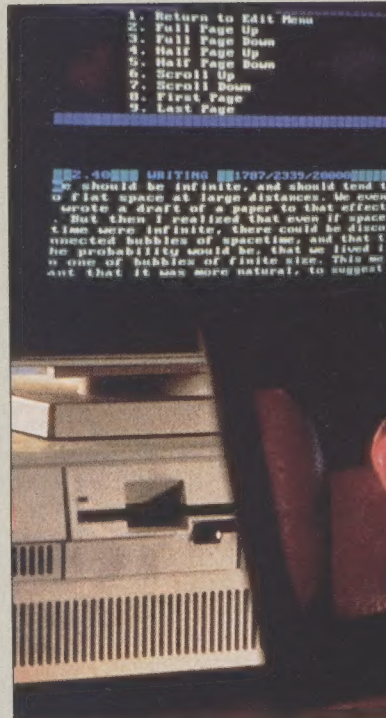
At first glance, Professor Stephen Hawking's *A Brief History of Time* would seem the ideal subject for cinematic interpretation. The book sold 5.5 million copies worldwide after being translated into 30 languages, and spent more than two years on the best-seller lists in America. But theoretical physics—even the kind that's intended for mass consumption—is not the stuff of Hollywood dreams.

"I think we were told a dozen times how impossible it was going to be to make a movie about this," says David Hickman, producer of the theatrical film version of *A Brief History of Time* that just hit video stores nationwide. "It was the unfilmable book." In addition to the difficult subject matter, Hickman and executive producer Gordon L. Freedman had another formidable obstacle to contend with: the book's author.

Professor Hawking was wary of any film project involving his life and work. Disabled with ALS—also known as Lou Gehrig's Disease—Hawking had, as a result of his book, become an international cult figure, the metaphysical guru whose body no longer functioned but whose mind roamed the cosmos exploring the secrets of space and time. (Hawking is confined to a wheelchair and only speaks with the help of a very sophisticated computer system.) Hawking had turned down numerous offers for a film biography, and had to be convinced that any *Brief History of Time* film would focus on his ideas.

At a recent screening to commemorate the film's release on video, Hawking said his original concern was that the film might emphasize "the more sensational aspects" of his life.

Enter director Errol Morris, whose 1988 film *The Thin Blue Line* pushed the



Master of the Universe: Professor Hawking's ideas are preserved on video with *A Brief History of Time*.

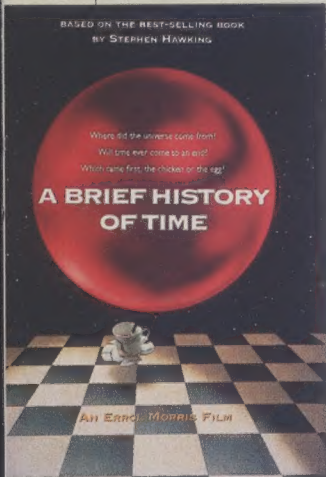
boundaries of the documentary form. Morris convinced Hawking that the right blend of biography and science could reach the mass audience Hawking desired without compromising his ideas. The results speak for themselves: Morris has fashioned an elegant film that addresses eternal questions about the nature of life in an entertaining and accessible way. "What we were after was a sense of wonder about the universe," Freedman says. "That recognition of awe is what Stephen Hawking's all about."

Freedman and Hickman aren't through bringing the professor's message to new audiences. An interactive CD-ROM version of *A Brief History*, that would meld elements of the book and the film with additional scientific material, is also in the works. "Not only will you have the film to help you figure out the book, you'll have the disc to help you figure out the film," says Freedman. Even more permutations are possible: "We still hold the stage rights to the book. I always joked with Stephen that we'd do a musical—I still hold it over his head." —KK

Hooray for Segawood

Follow the red hedgehog footprints to the green dinosaur tracks and you reach the Sega team that is bringing the prehistoric past back to life. It's 1993 in San Carlos, California: Computer programmers, artists, audio engineers and game designers at Sega of America's Multimedia Studio are transforming *Jurassic Park*, the upcoming Steven Spielberg dinosaur movie, into *Jurassic Park*, the Sega CD game.

Although this \$10 million studio is in the heart of Silicon Valley, it's nicknamed Segawood. That's because the Sega Multimedia Studio is the videogame company's research and development center for creating and producing the latest in multimedia entertainment. (Segawood's mascot is Sonic, the blue hedgehog with the red boots, a hot property whose recent sequel *Sonic 2*



Sonic



Have Camcorder, Will Shoot:

Independent cable producers gathered in New York City recently to stage the first camcorder protest. The issue: a Time Warner lawsuit they say threatens their programs. Each demonstrator brought a camcorder to shoot footage each will broadcast on his or her own cable show.

outgrossed every movie in 1992.)

While the first Sega CD titles were drawn from materials created for other projects, the new Sega discs—like *Jurassic Park*—are being produced from scratch. Initial Sega CD titles relied upon film footage that yielded grainy images when “digitized” for CD-ROM visuals. By generating images and animation with computers and storing them on disk drives, Segawood’s game designers are improving the overall visual quality of CD-ROM titles.



Major Player: Breakthroughs in CD-ROM production will take the Sega CD game system to a new level.

Segawood’s CD artists and designers used powerful Silicon Graphics workstations to create the *Jurassic Park* CD’s animation sequences. Meanwhile, staff audio producers used Segawood’s well-equipped studios to conceive and compose prehistoric sounds for the game. Project producers even ventured down to Florida’s Lake Okeechobee to sample real-life alligator and bird sounds that were later transformed into the imagined sounds of prehistoric times.

Sega’s game gurus predict additional improvements in the quality of multimedia CD games. According to Joe Miller, Sega’s senior vice president of product development, “CD-ROM is going through an evolution, the way other [game] software has gone through changes.” He points to the new techniques that Sega’s programmers and developers are discovering at the Multimedia Studio. “[We’re] learning to use more colors and to better utilize the megabytes on the CD-ROM.” *Jurassic Park*, the Sega CD-ROM, will be available in July. —Marjorie Costello

Let them use stock footage

Your latest video masterpiece is missing something. Maybe it’s a shot of Mount Rushmore—hey, it worked for Hitchcock. Perhaps you need tornado footage for your disaster pic, or a flying saucer shot that looks better than something Ed Wood Jr. might do. You don’t need a bigger production budget—you need Media-Pedia.

Media-Pedia Video Clips collects royalty-free stock footage you can use wherever or however you like. Instead of having to conjure special effects or write your more ambitious ideas out of your script, you simply buy a tape from these guys and you’re up and running. The difference between using Media-Pedia clips and stealing footage off a laserdisc is that Media-Pedia is legal for any and all uses. Up to 15 minutes of stock footage can be added to any single video or multimedia production, and the tapes are available in VHS, S-VHS, Hi8 or 3/4-inch formats.

What kind of footage are we talking about? There’s a bit of everything here: nature, technology, people, animals, places, industry, etc. The picture quality is first-rate, and the company plans to

TIMESHIFT

TEN YEARS AGO IN VIDEO MAGAZINE

“‘Baby Laserdisc’ is one possible nickname for the new compact disc (CD). Philips applied laserdisc function and design ideas to the system, which is expected to replace turntables within as little as 10 years...We ex-



June 1983

pect Sony will soon announce its first laserdisc player, the same format now sold by Magnavox and Pioneer. Pioneer’s next step is to design a machine that plays back both CDs and laserdiscs. Word on this development may be forthcoming...After taking a number of **alleged pirates** to court for unlawful theft of signals, HBO has come up with a more efficient way to stop non-subscribers from seeing its programming. It will become the first pay service to use the M/A Com Linkabit scrambling and descrambling unit, a device that HBO says not even the most diligent MIT student or Apple II user can foil.” ■

release a continuing series of collections, so you’ll never want for new material. An accompanying booklet lists the clips by subject and time, so if you need a shot of a prison laundry that lasts 18 seconds, you can get to it quickly. Media-Pedia can be reached at 617-235-5617.

—Ron Goldberg



Video Clip-Art: Media-Pedia collects stock footage you can use to spice up your home videos.

HOW TO BUY AUDIO/VIDEO UPGRADES

It may be time for an audio/video upgrade. Many people are still watching 10-year-old TV sets, own elderly hi-fi's and five-year old CD players. Amps often degenerate over this time period and speaker cores corrode. TV sets lose picture definition with age as well. Additionally, if your TV is over five years old, it was born before many recent feature advances.

You can start your upgrade with many of your existing components. The best way to determine how well your equipment is operating is to retrofit your system with top-quality audio/video cables. (You'll be amazed at the improvement this can make.) Then visit a PARA dealer and compare some of the new a/v systems. If you feel that your current receiver is up to snuff, hang onto it. But keep in mind that today's technology

generally offers a lot more features for a lot less money.

For example: ten years ago, a good receiver was around \$500. Today you can purchase a well-equipped a/v receiver for under \$300 — and the performance is substantially better.

Big screen TVs are also more affordable than just a few years ago. Granted, paying \$1500 for a 31-inch CRT isn't peanuts, but considering the amount of time the average American watches TV, it is well worth the investment. Video source material has also improved. New VCRs provide Hi-Fi stereo at an affordable price and the laserdisc player has become an important part of today's a/v system.

PARA is an association of specialty audio/video retailers. To locate a PARA dealer near you, call:

(708) 268-1500

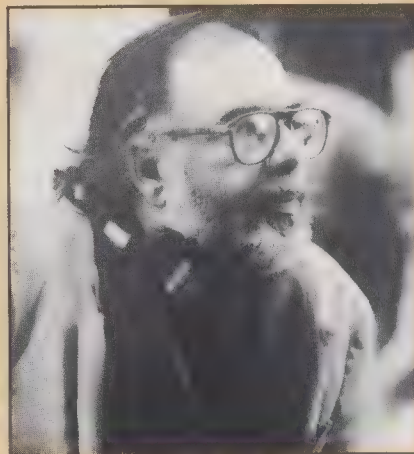
Circle 5 on Reader Service Card.



THE DEADLINE for Sony's 1993 Visions of U.S. home video contest is rapidly approaching. This year's judges include Francis Ford Coppola, Tim Allen

(star of TV's *Home Improvement*) and Branford Marsalis. Homemade videos up to 20 minutes long will be accepted in five categories: fiction, non-fiction, experimental, music video and a young people's category for videographers 17 and younger. All entries must be produced and submitted on VHS, Beta or 8mm cassettes and are due by June 15. Prizes include an array of Sony camcorders, including the CCD-TR101. For further information or a required entry form, call 213-856-7743, or write to: Visions of U.S., Box 200, Hollywood, CA 90078.

Francis Ford Coppola



IS MULTIMEDIA A HOT TOPIC? You bet it is. According to a speaker at this year's International Tape Association Seminar in Arizona, there are at least 214 professional conferences this year with the word "multimedia" in the title.

DIRECTV, THE DIRECT-broadcast satellite service slated to become available next spring from Hughes and Thomson, may have some orbiting competition if a reported venture of Space Systems/Loral (SS/L) of Palo Alto, California, comes to fruition. SS/L, successor to the former Ford Aerospace operation, announced it will enter the DBS market in 1995 with as many as 480 channels from a high-powered satellite of its own.

THROW TV CHIEFS, COMPUTER scientists and movie executives into a debate about the future of their media and sparks are likely to fly. Here are some soundbites from a recent conference on the business of entertainment that was sponsored by the investment firm Wertheim Schroder and *Variety*.

• "There will be repeat programming ad nauseum. The only thing that will save the networks is that 30 mil-

lion people have arthritis." CBS president Howard Stringer on 500-channel television.

• "The most common appliance in every home requires consulting a written manual, *TV Guide*, before every use." Nathan Myhrvold, vice president of advanced technology at Microsoft Corp., on the need for an intuitive, onscreen channel navigator.

• "Too much technology can be deadening. I don't want to be watching a movie while I'm searching for Grateful Dead tickets." Michael Fuchs, chairman and CEO of HBO, on the impact of 500 channels.

CABLE PRICES are coming down. Shortly after "Cable Scorecard," last month's feature about the impact of the 1992 Cable Act, went to press, the Federal Communications Commission announced plans to cancel recent cable price increases and roll back other hikes since the law was passed. The rul-

ing, which is still in a comment period, will affect most cable programs, although not those, like HBO, that are sold individually. The proposed rules also open the door for further rate cuts and limits on charges for remote controls and converter boxes.

PHILIPS HAS ANNOUNCED the long-promised, long-awaited full-screen, full-motion video (FMV) cartridge for its CD-I players. The cartridge adds an extra megabyte of memory to the players, all of which can be upgraded. Software developers are now at work on FMV titles, with the cartridge and new titles due to reach consumers in the fall.

WATCH FOR THE NEXT RE-vision of NewTek's Video Toaster this summer. The Toaster was launched nearly three years ago as an awesome hardware/software combo that brings unsurpassed video special-effects capabilities to Commodore Amiga computers. The new version will include LANC-compatible drivers for controlling all Sony and many Canon camcorders. The company, flush with success in the professional and semipro video fields, is targeting the new Toaster at serious amateurs.

Panasonic's AG-3 brings an entirely new dimension to professionally featured video cameras. Never before has a camera this size incorporated so many features typical of larger, professional grade video cameras. Nor has a camera of this quality and size been available to oceanographers, coaches, law enforcement officers...to

name just a few.

SOME PROFESSIONAL ASSIGNMENTS REQUIRE EXTRAORDINARY MEASURES.

The AG-3 features an imaging system based on a *three*, 1/3-inch CCD technology. Horizontal resolution is 530 lines, while image sensitivity is rated at 1 lux. A 10X manual zoom and a 20X digital zoom provide sharp, certain close ups. EIS (Electrical Image Stabilization) assures a steady picture even under the most difficult circumstances. A digital time base corrector, digital noise reduction, and digital effects such as snap shot, strobe shot, picture memory, and WIPE & MIX are built-in. The AG-3 is even ready for advanced television with its 16X9 capability.



COLOR VIEW FINDER*

The AG-3 proves that it's not what the camera looks like that makes it professional. It's what the video looks like.

*Simulated picture

For more information call: 1-800-528-8601 (Upon request, enter product code 12)
One Panasonic Way, Secaucus, NJ 07094.

Panasonic
Broadcast & Television Systems Company



PANASONIC'S
AG-3 S-VHS
CAMCORDER

Width 5 1/2"
Height 4 13/16"
Depth 9"
Weight (approx.) 1.96lbs

VIDEOTESTS



VIDEOTEST
685

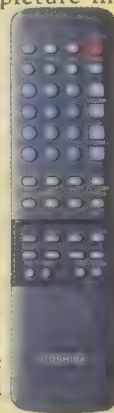
TOSHIBA 32-inch TV set

holds two video components, typically a VCR and a laserdisc player. The sides of the cabinet conceal stereo speakers and Toshiba's Cyclone ABX subwoofer, although at only 4-3/4 inches, it should really be called a woofer. The subwoofer has its own amplifier and can be turned off, but you'll want to leave it on—it adds warmth and punch to the sound.

Toshiba's TV sets have earned a reputation as good performers—at least one *Video Magazine* contributor considers the brand his favorite. The CX32C80 is one of the best Toshibas we've seen. It's a console model, built into a cabinet that also

HIGHLIGHTS

With the CX32C80, Toshiba combines many of the latest high-end TV features in an attractive cabinet that also holds a VCR and a laserdisc player. It has picture-in-picture with two tuners, so you don't have to connect a VCR to watch two channels at once. It's one of the first of the new sets with closed captioning. The picture is terrific, and a subwoofer and several digital surround-sound modes add sonic kick. We rate it very good to excellent overall, and consider it a good choice for those who want a console-type TV set.



Room-Shaker: Toshiba's CX32C80 uses a subwoofer and digital processing to achieve big sound.

Toshiba CX32C80 32-Inch TV

Price: \$1,799

Weight & Size (h/w/d):
240 lbs.; 45-3/4 x
39-3/8 x 23-1/4 inches

Screen Size:
32 inches diagonally

Speaker Size: main left
& right—2-3/4 x 5-1/8
inches, subwoofer—
4-3/4 inches

Type of Tuning:
frequency synthesis

Method of Tuning:
programmable scan on
set, scan plus direct
access on remote

**Broadcast Tuning
Range:** 2 to 13,
14 to 69

Cable Tuning Range:
125 channels—2 to 13,
A-8 to A-1, A to I, J to
W, AA to ZZ, AAA,
BBB, 65 to 94,
100 to 125

Remote Control: IR
wireless with exposed
buttons for cable, VCR,
TV, power, recall, TV/
video, MTS, mute, vol-
ume up and down,
channel up and down,
channel return, 10-digit
keypad, 100, stop/lo-
cate, rewind/swap, play/
source, FF/PIP on/off,
record, pause-still/still-
RLS, slow/PIP channel
down and TV-VCR/PIP
channel up; covered
buttons for picture, au-

dio, setup, option,
reset, exit, -, +, timer,
antenna 1/2, cyclone/
woofer and DSP/
surround

Inputs: front—S-video/
video/stereo audio,
rear—S-video/video/
stereo audio, video/ster-
eo audio, 2 RF

Outputs: video/stereo
audio (selected source),
variable-level stereo au-
dio, loop-through RF for
cable converter, stereo

external speakers

Internal Audio

Amplifier Power:
10 watts per channel
stereo plus 13 watts for
subwoofer

Special Features: con-
sole cabinet with space
for two video sources,
digital signal processing
for surround sound,
subwoofer, closed cap-

tioning, PIP, noise
reduction

Absent Features:
headphone jack, rear-
speaker outputs

RESULTS

Horizontal Resolution:
more than 600 lines

Picture S/N (dB): lumi-
nance—56.9, video—
55.7, chroma AM—

The CX32C80 offers a host of high-end features, foremost of which is picture-in-picture (PIP). There's even a second tuner, which lets you use PIP to watch two TV channels at once. On most sets with PIP, you have to hook up a VCR and use its tuner to achieve this. You can also watch a TV channel and a video source.

Toshiba's FST picture tube virtually eliminates geometric distortion, which can be an annoying problem with large direct-view sets. The set offers switchable fleshtone enhancement and noise reduction, plus onscreen menus in English, Spanish or French. The picture menu provides three picture preference settings: factory preset, theater (which dims the picture) and memory (your own settings). The remote control has programmed codes to operate 58 brands of VCRs and 24 brands of cable boxes.

Closed-caption decoders are required on all 13-inch and larger TV sets sold by manufacturers after July 1, and this is the first of the new caption-decoding sets we've tested. The feature is designed for the hearing-impaired, but we think it will appeal to others as well. Just think—you can watch TV while you're talking on the phone without missing a thing! Or catch Leno while your spouse sleeps, without having to mess with headphones.

The closed-caption option on the setup menu lets you choose from two caption channels and two text channels, if they are being broadcast, or if they're on the tape or laserdisc you're watching. Active channels appear in yellow on the menu, inactive ones in cyan. The caption channels display a couple of lines of

continued on page 43

64.1, chroma PM—63.3

Color Temperature:
7,400 Kelvins

Screen Brightness:
144 footlamberts

Accuracy of Colors:
excellent

Audio Frequency Response: line out—20 Hz-20 kHz, +0.1/-1.7 dB; speaker terminals—20 Hz-5 kHz, +0.03/-3 dB, -9.5 dB at 20 kHz

Audio S/N: line—87.4 dB, speaker terminals—

78.6 dB

Total Harmonic Distortion: line out—0.15%, speaker terminals—0.6%

RATINGS

Picture:
very good/excellent

Audio: good/very good

Ease of Use:
very good

Overall:
very good/excellent



ZENITH VHS VCR

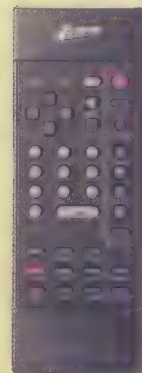
The Zenith VRL4210HF is a straightforward VHS hi-fi VCR that should appeal to those in search of an affordable, no-nonsense deck for home theater, the bedroom or any other application that doesn't demand advanced features. Its feature package includes standards you'll find on almost every new deck, including onscreen programming, indexing and four heads for clean still-frames and slow motion. Camcorder users should probably steer clear, though, because it lacks front-panel inputs, a flying erase head, audio dub and other essential editing features.

With no hidden compartments and only a few very large front controls, the deck has a warm, friendly appearance. It's ideal for those who have trouble finding controls or reading the legends in the dark. The front controls offer only basic tuning and transport operations, and aren't the least bit forbidding. Both the clock and the timer are set through the menu system, with easy-to-understand prompts. (We still feel, despite what Johnny Carson and our former President have said, that setting the clock and timer on a VCR is not difficult.)

The deck includes a unified remote that operates Zenith TVs built after 1981, an auto mark index system with search for up to 99 marks in either direction, digital auto tracking and a mid-mount design, which is intended to reduce picture jitter. The onscreen display

HIGHLIGHTS

Home theater places very limited demands on a VCR—all you really need is hi-fi sound and a good picture. The Zenith VRL4210HF delivers both at an attractive price of \$429. It's a simple machine to operate because it lacks fancy features and has no hidden control compartment. The deck includes a universal remote that operates many Zenith TV sets. Picture quality and ease of operation are both very good, while audio quality is good. We rate the deck's overall performance good to very good.



play provides all necessary information about tuning, recording and playback, with an option of keeping the counter on during most operations, but the display on the VCR is not very detailed.

There's really nothing unusual about the deck's operation, except that there are no control hatches to open. All functions besides the basics are included in the menu system. This is a workable arrangement, although it can cause frustration. For example, we wish the input selector had been given its own button instead of being placed in the menu—you have to use the remote if you want to record from a line source. Fortunately, the deck has its conveniences, like auto rewind at the end of a tape and auto eject/power off at the end of rewind. Ease of use is very good.

Picture quality is also very good—quite a commendable achievement for a budget VHS deck. Audio quality is good, about what you'd expect for a deck in this price range. Overall, we rate the VRL4210HF good to very good. Those who are assembling a modestly priced home theater will have a tough time finding better performance without spending hundreds more. ▶



Keep It Simple: For easy operation, the front of Zenith's VRL4210HF uses only a few large buttons.

SONY

HIGH END OF THE SPECTRUM

With three CCD chips, one for each primary color, the Sony Handycam® PRO camcorder delivers color separation and reproduction no one chip camcorder can match.

You get 530 lines of camera resolution and Digital Color Noise Reduction. Plus, RC Time Code is recorded directly on your tape for accurate editing.



For the name of your nearest authorized Sony dealer, call 1-800-421-SONY.
And for your complete personal guide to all Sony consumer electronics, we're introducing Sony Style magazine.
To receive your copy for \$4.95, plus \$1.50 shipping and handling, call the number above. Visa and MC Offer expires 11/93.

©1993 Sony Corporation of America. All rights reserved. Sony, Handycam and Sony Style are trademarks of Sony.

Zenith VRL4210HF VHS VCR

Preset Method: auto program plus manual channel skip/save

Cable Tuning Range:
4A, A to W, W+1 to W+84, A-5 to A-1

Timer: 8-event/1-year

Special Features: still-frame, slow motion, auto on/play/rewind/eject/off

Price: \$429

Weight & Size (h/w/d):
10 lbs.; 3-1/2 x 14-1/4 x 13-1/2 inches

Jacks: RF and video/stereo audio input and output

Tape Speeds:
SP, LP, EP

Video Heads: 4

Cue & Review Search:
5x/9x SP, 5x/15x LP, 15x/21x EP

Fast Forward/Rewind Time: less than 3 min. for T-120

Remote Control: IR wireless with indicators for VCR and TV control mode, and buttons for VCR/Zenith TV control mode, off/on, source, flashback, channel up and down, volume up and down, mute, menu, select up and down, adjust reverse and forward, quit, 10-digit keypad, enter, a.m./p.m., memory, timer, record, stop, pause, search, rewind/search, play, fast forward/search and TV/VCR

Program Start Locator/Index/Cue: index with auto mark and search for up to 99 marks

Audio: linear mono, hi-fi AFM stereo

Tuning Method: frequency synthesis

Channel Selectors: programmable up/down scan on VCR, scan plus direct access on remote

Absent Features: frame advance, speed play, audio dub, video dub, insert edit, remote pause/synchro edit, headphone jack, hi-fi level controls/display, flying erase head, jog/shuttle dial

RESULTS

Horizontal Resolution:
240 lines SP,
220 lines LP/EP

S/N Ratios (dB): un-weighted video—42.8 SP, 41.9 LP, 40.6 EP; weighted video—51 SP, 49.7 LP, 48.8 EP; chroma AM—43.5 SP, 41.9 LP, 38.1 EP; chroma PM—39.3 SP, 36.8 LP, 35.6 EP

Audio Frequency Response: hi-fi—30 Hz-20 kHz, +0.3/-3 dB, -4.3 dB at 20 Hz; linear—70 Hz-10 kHz SP, 70 Hz-5 kHz LP, 70 Hz-4 kHz EP

Hi-Fi Dynamic Range:
86.7 dB

Linear Audio S/N:
40.8 dB

Audio Distortion:
0.3% hi-fi, 0.9% linear

RATINGS

Picture: very good

Audio: good

Ease of Use:
very good

Overall:
good/very good

HERE'S A FULL SPECTRUM OF AUTHORIZED SONY DEALERS

OHIO

ALAMO ELECTRONICS
Cincinnati

DODD CAMERA
Cleveland

MC ALISTER CAMERA
Columbus

STEREO VISION
Columbus

WELLMAN & GRIFFITH
Cleveland

OKLAHOMA

EPPELSON PHOTO
Oklahoma City

VIDEO REVOLUTION
Tulsa

OREGON

MAGNOEIA HIFI
Portland

NORTHWEST WITH SONY
ONLY
Portland

PENNSYLVANIA

ABINGTON AUDIO/VIDEO
Abington

HIFI HOUSE
Broomall

NY CAMERA
Quakertown

TRIANGLE TV
Pittsburgh

TEXAS

ED KELSUM
Dallas

MAGNATRONICS
Austin

MARCO
Corpus Christi

THE SOURCE
San Antonio

VIDICOM®
Houston

UTAH

CAMERA DEN
Salt Lake City

VIRGINIA

KOKO'S COLOR TV
Virginia

LEE HARTMAN
Roanoke

PALACE RADIO & TV
Arlington

VIDEO DIRECT
Fidewater

WASHINGTON

CAMERA'S WEST
Seattle, Bellevue

WASHINGTON, D.C.

GRAFFITI AUDIO/VIDEO

WISCONSIN

CAMERA CORNER
Green Bay

HALL ELECTRONICS
Milwaukee

COLUMBIA AUDIO/VIDEO
Chicago

GOOD VIBES
Champaign

HELIK
Chicago

LUNDGREN CAMERA
Rockford

MILLS RECORDING
Chicago

INDIANA

ROBERT'S
Indianapolis

MARYLAND

PRIME TIME VIDEO
Frederick

PROFESSIONAL PRODUCTS
Bethesda

VIDEO WIZARD
Baltimore

MASSACHUSETTS

BROMFIELD CAMERA
Boston

CAMERA'S INC.
Boston

NEW TONVILLE CAMERA
Boston

MICHIGAN

ADRAY APPLIANCE
Detroit

HOME APPLIANCE MART
Detroit, Ann Arbor

MINNESOTA

NATIONAL CAMERA
Minneapolis

SOUND CENTER
Minneapolis

MISSOURI

BROAD BROTHERS
St. Louis

MONTANA

ROCKY MOUNTAIN HIFI
Great Falls

NEBRASKA

ROCKBROOK CAMERA
Omaha

NEW JERSEY

CAMERA STOP
Medford, Atlantic City

RANDS CAMERA
Toms River

RECORD SHOP
Cherry Hill

NEW MEXICO

WEST COAST SOUND
Albuquerque

NEW YORK

ROWE PHOTO
Rochester

STEREO ADVANTAGE
Buffalo

ALL LOCATIONS

ANDERSONS
FRY'S ELECTRONICS
SOUND ADVICE
THE GOOD GUYS

ARIZONA

ROHS
Tucson

CALIFORNIA

ADOLPH GASSER
San Francisco

AUDIO VIDEO CITY
Los Angeles

BEL-AIR CAMERA
Westwood

GAUS CAMERA
Los Angeles

EBER ELECTRONICS
San Francisco, Menlo Park

ENCINITAS TV
San Diego

GLUSKIN'S CAMERA
Stockton

HOME MOVIES TO GO
Santa Monica

KEEBLE & SHUCHAT
PHOTOGRAPHY
Palo Alto

L.A. AUDIO VIDEO
Los Angeles

MEADOWS CAMERA SHOP
Stockton

MISSION HILLS RADIO & TV
San Diego

SHERMAN OAKS CAMERA
Sherman Oaks

SUPERCO
Monterey

VIDEO AUDIO CENTER
Los Angeles

WESTCHESTER TV
Bakersfield

COLORADO

ROBERT WAXMANS
Denver

FLORIDA

SARASOTA CAMERA
EXCHANGE
Sarasota

THE ELECTRONICS SHOP
Orlando

GEORGIA

HIFI BUYS
Atlanta

WOLF CAMERA
Atlanta

ILLINOIS

ABT TV
Chicago

VIDEOTESTS



Triple Threat:
Panasonic's AG-3 is the smallest camcorder to use three light sensors—one for each color—to improve color reproduction.

VIDEOTEST
687

PANASONIC S-VHS-C camcorder

We say "priced for consumers" be-

cause the \$3,300 AG-3 is actually a professional camcorder, distributed by Panasonic Broadcast and Television Systems Co. Like Panasonic's other affordable professional products—the AG-1960 S-VHS VCR in particular—we're sure it will find a strong following among consumers. However, you may not find it at your local electronics superstore. Chances are you'll have to go to one of the more than 300 pro video dealers that handle Panasonic professional products.

The AG-3 uses a diffracting dichroic prism to separate the light through the

continued on page 43

HIGHLIGHTS

The Panasonic AG-3 is the second prosumer camcorder with a

three-CCD image sensor, which produces more accurate, saturated color than camcorders with one-CCD sensors. It offers a wide range of digital effects, an image stabilizer and a color LCD viewfinder. Picture quality is very good to excellent; however, it is less responsive to low light levels than most consumer camcorders. Audio quality is good to very good, and ease of use and overall performance are very good. At \$3,300, it's expensive, but it offers high picture quality and loads of features. It's sure to appeal to serious S-VHS users.

Panasonic AG-3 S-VHS-C Camcorder

Price: \$3,300

Weight & Size (h/w/d):
2 lbs. without battery and cassette; 4-7/8 x 5-5/8 x 9 inches

Image Sensor: three 1/2-inch CCDs, 270,000 gross pixels each

Lens: f/1.6, 10x (6-60mm) power zoom
Filter Diameter: 37mm

Minimum Focusing Distance: 1/2 inch

Autofocus:
TTL with auto macro
Minimum Illumination:

34 lux, gain-up off; 7.6 lux, gain-up 8x and low-light at 12 dB

Iris: auto, manual with +/- 6-stop range

Auto Fade: hold-down type to white

Shutter Speeds (sec.):
normal (1/60), 1/100, 1/125, 1/180, 1/250, 1/350, 1/500, 1/725, 1/1,000, 1/2,000, 1/4,000, 1/8,000

White Balance: auto/sunlight/indoor/push-button manual

Viewfinder: color LCD with diopter and on-screen indicators for white balance, battery condition, transport mode, tape remaining,

counter/memory, index, head clog, dew, low battery, low clock battery, no cassette, tape end, digital mode, stabilization, manual focus, snap, shutter speed, iris gauge, iris value, gain-up, time, date

VCR Controls: rewind/search, play, fast forward/search, stop and pause

Microphone: stereo electret condenser zoom

Jacks: external mic, headphones, S-video/video/stereo audio out, DC out for RF converter, 5-pin edit control

Tape Speeds: SP, EP

Video Heads: 4

Cue & Review Search:
approx. 4x SP, 9x EP

Fast Forward/Rewind Time: 6-1/2 min. for TC-30

Remote Pause:
new edit

Program Start Locator/Index/Cue:
records but does not read index marks

Audio: linear mono (record only), hi-fi AFM stereo

Special Features: still-frame, insert edit, low-light boost, LCD viewfinder, image stabilizer, timebase corrector, noise reduction, flying erase head, hardshell case, digital effects

Absent Features:
frame advance, slow motion, speed play, audio dub, video dub, titler, remote control

RESULTS

Horizontal Resolution:
S-VHS 400 lines, VHS 240 lines

S/N Ratios (dB): unweighted luminance—42.8 SP, 42.5 EP; weighted luminance—49.8 SP, 48.9 EP; unweighted video—44.4 SP, 42.5 EP; weighted video—50.5 SP, 49.2 EP; chroma AM—41.6 SP, 40.5 EP; chroma PM—39.2 SP, 39 EP

Audio Frequency Response: hi-fi—50 Hz-20 kHz, +0.2/-3 dB, -11.6 dB at 20 Hz; linear (record/no play) -3 dB—80 Hz-8 kHz SP, 80 Hz-4 kHz EP

Hi-Fi Dynamic Range:
81.4 dB

Linear Audio S/N:
41.3 dB

Audio Distortion: hi-fi—0.3%; linear—0.9%

RATINGS

Picture:
very good/excellent
Audio: good/very good
Ease of Use:
very good
Overall: very good



To Call Them Basic Video is to Call a Porsche® Basic Transportation.

Fasten your seat belt. Samsung's new TVs and VCRs have arrived. On the outside, the essence of sophisticated styling. On the inside, superior engineering. In other words, hardly your basic video.

Our TVs are as beautiful on the ears as on the eyes. Stereo sound with dbx® noise reduction. 181 channel capability. Three audio/video inputs.

Our VCRs are equally impressive. Multi-television remote control. Front-mounted jacks. Auto head-cleaning system.

Samsung's new TVs and VCRs. Like the styling and performance of a Porsche, they're in a class of their own.

Test watch one at a dealer near you.



SAMSUNG
Electronics

Technology that works for life.

Samsung Electronics America, Inc., 105 Challenger Road, Ridgefield Park, NJ 07660. For more information, please call one of our zone offices:
East (201) 229-4000; West (213) 537-6791; Midwest (708) 916-2230; South (404) 956-0800

VIDEOTESTS



Expanding Horizons: The integral 0.7x wide-angle adapter on Sony's CCD-TR61 lets users fit more people in the picture.

VIDEOTEST
688

SONY 8mm camcorder

Sony's CCD-TR61 solves this problem with an integral 0.7x wide-angle

Home videographers have always had a tough time getting shots indoors. To get a roomful of people in the picture, you have to back up a long way. And you usually end up backing into a wall, with one or two people still out of the frame.

adapter, similar to those found on some recent Fuji camcorders. A slide switch on the front activates the adapter, which lets you cover about 40 percent more area—a 64-degree angle of view, equivalent to a 32mm lens on a 35mm film camera. When you engage the wide-angle adapter, the lens zooms back automatically to a full wide-angle setting. Unlike many add-on wide-angle adapter lenses, this one causes only a small amount of picture distortion. You'll probably notice it only on horizontal lines near the top and bottom of the picture. There's no visible vignetting,

continued on page 40

HIGHLIGHTS

We've always liked Sony sub-compacts—they usually have lots of useful features and perform well. The new 8mm CCD-TR61 is no exception. Picture and sound are both good, and its special features—an integral lens cap, a two-speed 10x zoom lens and four auto exposure modes—add versatility and operational ease. A built-in wide-angle adapter lets you get more people in the picture when you're shooting indoors. With good to very good overall performance and a price of \$1,200, the TR61 is a nice, affordable package.



Sony CCD-TR61 8mm Camcorder

Price: \$1,200

Weight & Size (h/w/d): 1.7 lbs. without batteries and cassette; 3-3/4 x 4-1/2 x 7-1/2 inches

Image Sensor: 1/3-inch CCD; 270,000 gross pixels

Lens: f/1.6, 10x (6.2-62mm) two-speed power zoom with integral 0.7x wide-angle adapter

Filter Diameter: 37mm

Minimum Focusing Distance: 1/2 inch at

wide-angle

Autofocus: TTL with auto macro at wide-angle

Minimum Illumination: 3.3 lux

Iris: auto with auto exposure modes for portrait, sports, high-speed shutter and twilight

Fader: to black or mosaic, trigger-operated

Shutter Speeds (sec.): normal (1/60), portrait mode—1/60-1/2,000, sports mode—1/60-1/500, high-speed shutter mode—1/4,000, twilight mode—1/60

White Balance: auto

Viewfinder: electronic with diopter, LED recording/cassette/battery indicator and on-screen indicators for AE mode manual focus, LP play, operating mode, counter, fader, tape remaining, zoom scale, low battery, cassette, lens cover, dew, caution, eject, battery life, DST/time zone number, time zone name, clock battery, date, time

VCR Controls: stop, rewind/search, play, fast forward/search, pause/still, edit search and camera record

Microphone: stereo electret condenser

Jacks: external mic, LANC remote, DC out

to RF converter and video/stereo audio output

Tape Speeds: SP, LP (play only)

Video Heads: 4 (small drum)

Cue & Review Search: 9x forward, 7x reverse

Fast Forward/Rewind Time: approx. 6-1/2 min. for P6-120

Remote Pause: LANC

Remote Control: IR wireless with hold switch and buttons for start/stop, tele, wide, rewind/search, fast forward/search, stop, play, data screen and still

Audio: hi-fi AFM stereo

Special Features: integral wide-angle adapter, four auto exposure modes, auto backlight compensator, still frame, daylight-saving time and time zone adjustment, skip scan, edit search with stop motion in play, advanced synchro edit, insert edit, flying erase head, auto wind noise switch

Absent Features: ear-phone jack, program start locator/index/cue, titler, white balance lock/manual, A/V inputs

RESULTS

Horizontal Resolution: 240-250 lines

S/N Ratios (dB): un-weighted video—41.1, weighted video—49.5, chroma AM—41.7, chroma PM—37.6

Audio Frequency Response: 40 Hz-15 kHz, +0.1/-3 dB; -7.1 dB at 20 Hz; -5.3 dB at 20 kHz

Hi-Fi Dynamic Range: 71.7 dB

Audio Distortion: 0.3%

RATINGS

Picture: good

Audio: good

Ease of Use: very good/excellent

Overall: good/very good

Panasonic brings you the digital AV Mixer. With over 100 special effects, you'll find countless ways to make your videos more exciting.

Panasonic unleashes your imagination without tying up your budget.

The AV Mixer, WJ-AVE5, is a true video mixer that's actually affordable. It has a digital synchronizer that combines virtually any 2 NTSC video signals. Creating dissolves, superimposed images, even picture-in-picture special effects is easy. And its powerful memory stores video images so you can produce still freeze frames, mosaic patterns, video paintings and stroboscopic motion. Add 98 digital wipe patterns, choices of 8 different title and background colors, 3 levels of shadowing, 2 levels of edging, a built-in stereo audio mixing board, and the creative possibilities will seem unlimited.

To make the AV Mixer even more versatile, it has 2 inputs for multiple video sources, a special input for a video camera and 2 outputs for video recorders.

And to make your videos more interesting, from the beginning to "The End", you can add titles with an optional character generator.

To talk to the Panasonic AV Mixer dealer nearest you, call

1-800-365-1515, Ext. 333.



**THE VIDEO MIXER
FOR PEOPLE WITH AN
UNLIMITED IMAGINATION AND
A LIMITED BUDGET.**

Panasonic®
just slightly ahead of our time®
Circle 7 on Reader Service Card.

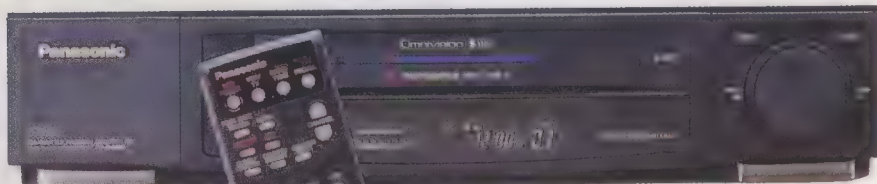
NEW PRODUCTS

BY BRIAN CLARK

Panasonic do-it-all deck offers programming choice.

► HOME THEATER VERSATILITY

Panasonic's PV-S4380 S-VHS hi-fi VCR (\$1,099) is packed with features for both home theater and editing uses. Panasonic says new DynAmorphous metal heads improve the video signal-to-noise ratio. Along with the popular Program Director programming remote, the deck also features VCR Plus. Editing features include jog/shuttle, a flying erase head and front audio/video jacks.



◀ TV/VCR INCLUDES FRONT INPUTS

Samsung's 19-inch CXA1926B TV/VCR (\$599) features index search and an eight-event/one-year timer. The set also includes front-panel inputs, a black matrix picture tube and onscreen displays. (For additional information, circle 104 on the Reader Service Card.)



▼ AUTOMATIC PANHANDLING

Sunpak's APT-200 auto pan-tilt head keeps you in the picture thanks to an infrared remote control. Powered by a six-volt camcorder battery, the head pans 90 degrees horizontally and 20 degrees vertically. The head can sit on a tripod or on a flat surface, and can be programmed to pan continuously. The remote also controls recent Sony-manufactured camcorders. (For additional information, circle 100 on the Reader Service Card.)



► UNIVERSAL APPEAL

Memorex has significantly refined its VR4 (right) and VR3 universal remotes since their debut last fall. Equipment codes have been updated and each now uses one fewer AAA battery; the VR3 needs two, and the VR4, three. Prices have dropped for both as well, with the VR4 and VR3 just \$20 and \$15, respectively. Both models control a TV, VCR and cable box, while the VR4 operates an additional TV, VCR or cable box. (For additional information, circle 101 on the Reader Service Card.)



▲ PROJECTOR WITH A SCREEN

A built-in monitor sets Fuji's P401 mini video projector (\$799) apart from its predecessors. The three-inch monitor displays a rear-projection image from the same LCD panel that creates the primary image. The P401 projects images from six to 40 inches in size. Stereo speakers are built in, along with a volume control. (For additional information, circle 102 on the Reader Service Card.)





Is it just
a movie, or
the stuff
dreams are
made of?

Remember when watching a movie was more than a way to pass the time? When it was fun? When it fired your imagination? When it was pure joy?

Now you can re-create that fascination for your family – right in your own home – with a Bose® Acoustimass®-7 home theater speaker system.

Sound as big as the movies.

Watch their eyes light up as the sound sweeps out across your living room. Feel the excitement as

the action moves this way and that, builds, then fades. It's almost as if you were sitting together in a darkened movie theater. But this is your own home. It simply

sounds like a movie theater – thanks to the unmatched sound quality that has made Bose the most respected name in audio.

Speakers as small as a video tape.

The Acoustimass-7 system uses patented Bose

Direct/Reflecting® speaker technology, just like that found in our other award winning Acoustimass speakers. All three cube speakers are acoustically matched, so you never hear a variation in sound quality or tone. All the sound comes from the appropriate place – on screen, stage left, or stage right. Your room is filled with sound, not equipment. So what you hear is sound as big as the movies, but what you see is speakers you can hold in the palm of your hand.

“In fact, the more I use Acoustimass speakers, the more amazed I am.”

– Julian Hirsch,
Stereo Review

Recapture the magnificence of movies.

Call for names of nearby Bose dealers. Then grab your favorite video and go see how it sounds with the Bose Acoustimass-7 system. And return to the days when movies were the stuff dreams were made of.

1-800-444-BOSE Ext. 233

Monday – Friday 9 AM – 9 PM

BOSE®
Better sound through research™

© 1993 Bose Corporation, The Mountain, Framingham, MA 01701-9168 USA



The Acoustimass-7 system includes three speakers and a bass module (not shown).

CAM CORNER

BY BRIAN CLARK

A primer on essentials for shooters considering editing

Unless you've shot enough video to learn what entertains viewers, chances are you've acquired a pile of tape that doesn't do what it's supposed to—bring enjoyment to those who view it. Your viewers, squirming in their seats, learn the true meaning of the phrase "captive audience." But don't fret. You've learned what doesn't work, and that's a valuable lesson not to be forgotten. Where to go from here?

One of the best moves you can make is to buy an editing VCR. This machine will let you construct a new tape from existing footage, without glitches between scenes. It will also let you cover up bad spots with new audio or video. An editing VCR is typically used as the recorder, with a camcorder or another VCR as the player.

What features should you look for in an editing VCR? There are three we consider essential: a flying erase head, a jog/shuttle dial and audio dub. Two other features—video dub and synchro edit—bear consideration.

A VCR is not an editing deck unless it has a flying erase head. Otherwise, it has only a stationary erase head, which erases straight across the tape. Since signals are recorded on the tape diagonally, a stationary erase head leaves a trace of the last few seconds of a previously recorded signal. This leaves a moiré (rainbow) pattern, and sometimes a trace of snow, or noise. A flying erase head eliminates these problems because it is on the same drum as the record head, and follows the same path.

A jog/shuttle dial makes editing a great deal easier. The shuttle ring allows you to scan your tape in forward or reverse at speeds that vary depending on how far you turn the ring. The jog dial, resting inside the shuttle ring, allows frame advance in either direction, cutting down the time it takes to find your edit in and out points. Sony's EV-S3000 and EV-S2000 Hi8 VCRs have a shuttle ring, but use buttons for bidirectional frame advance.

On VHS and S-VHS machines, audio dub allows you to replace existing audio on the linear track without disturbing the video or hi-fi audio tracks. During playback you have a choice of

the hi-fi track, the linear track or a mix of both. Let's say you have some vacation footage to which you would like to add some narration or background music. If you just want to add narration, you can do that through the deck's microphone input.

More complex effects can be accomplished with a mixer, like Sima's Sound-Mixer. It has multiple audio inputs with slide level controls for each. Just plug a CD player or other audio source and a microphone into the mixer, and plug the mixer's output into the editing deck. The audio signal is then sent from the mixer to the recorder, where it lands on the linear track.

Performing an audio dub on 8mm or Hi8 is a different story. To do it, the VCR must have PCM digital audio. There are only a few decks that have this feature, with Sony's Hi8 EV-S3000 ("Video-tests," June '92) among them. On 8mm tape, the analog audio signal is not recorded on a separate track, but underneath the video signal where it can't be separated. (There is a linear audio track on 8mm tape, but it has never been used.) PCM digital audio tracks serve the same purpose as the linear track in VHS, but PCM produces higher quality audio for two reasons—it delivers stereo sound rather than mono, and its digital nature produces a wider frequency response with less noise.

Now that we've covered the three essential features, let's look at two optional ones meriting consideration—video dub and synchro edit.

Video dubbing, not available in the Hi8 and 8mm formats, allows you to replace video without affecting the linear

track audio. The hi-fi track is erased along with the video portion of the signal, leaving the linear track. Video dub will enable you to cut video to the beat of music. This is done by recording the music on the VCR along with video black from the camcorder (just turn the camera on with the lens cap attached).

As long as you are monitoring the linear track, you'll be able to hear the music and hit pause on the beat. The cuts won't be perfectly on the beat, but they'll be close enough to give a great effect. Video dub also comes in handy on footage that needs an establishing wide shot, or when you need to break up a longer sequence with some short cuts.

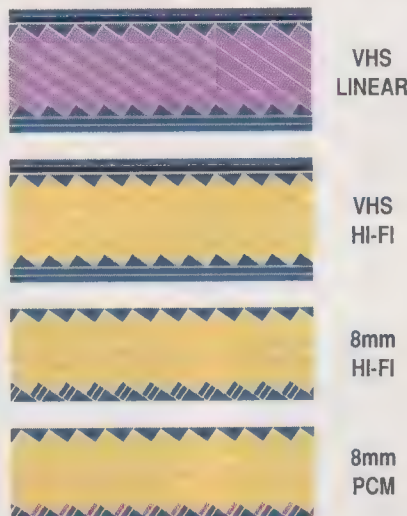
Most manufacturers have an editing protocol—usually called synchro edit—

designed to operate two decks or a camcorder and a deck with the push of one button. This makes editing much easier and much more accurate. The user connects the two machines' synchro edit jacks with a special cable. Compatibility, or the ability of the machines to speak to each other, is not a given. Usually, you must have two machines of the same brand. Some brands will work with other brands that are made by the same manufacturer—for example, Hitachi

and RCA products work well together—but always check to make sure the deck uses the same editing protocol as your camcorder.

Sony's LANC editing protocol is available on some Sony VCRs, all Sony camcorders and many Canon camcorders, as well as models made by Sony for other brands, such as Ricoh and Yashica. LANC is not an essential feature for an editing VCR, because in a synchro

continued on page 41



Where's the Sound? Illustration shows the location on VHS and 8mm videotape of linear audio (black) and video (purple) tracks, the combination of hi-fi signals and video (yellow) and 8mm PCM tracks (red).



INNOVATION SPECIALTIES

**YOUR
EXCLUSIVE
NADY
DEALER!**

NADY VIDEO CAMCORDER ACCESSORIES AT THE LOWEST PRICES!

CALL TOLL FREE!

1-800-222-8228

FROM JUST \$159.95!

CALL FOR
BEST
PRICING



151 VR WIRELESS VIDEO MICROPHONE

FROM ONLY \$209.95!



CALL FOR
BEST
PRICING



**351 VR ULTRA COMPACT
PRO WIRELESS VIDEO MICROPHONE**

**SALE
\$19.95**

NHM-200
Narrator
Headset Monitor



SALE \$31.95

VLM-770
Powered Lavalier Microphone



SALE \$34.95 SBM-500
Stereo Camcorder Microphone



SALE \$52.95 CTM-600
Normal/Tele Camcorder Microphone

**SALE
\$69.95**

MCM-400
Real Time Camcorder Audio Mixer



**SALE
\$99.95**

AVM-300X
Stereo A/V Mixer with Video Fade



**SALE
\$89.95**

WH-90
Wireless Stereo
Headphone System



**FROM
ONLY
\$595.95**

551 VR
Two Channel Wireless Video Microphone



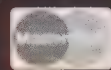
**SALE
\$45.95**

VCM-100
Camcorder Boom Microphone



**innovation
specialties**

7700 EDGEWATER DRIVE
SUITE 647
OAKLAND, CA 94621



Add \$5 for shipping and handling per order. Most orders shipped within 48 hours. Special delivery services available. CA residents add applicable sales tax. All prices quoted include manufacturer's standard accessories & U.S. Warranty. Visa and MasterCard accepted. COD, too.

**The Best Price and Performance
in Video Camcorder Accessories!**

Circle 8 on Reader Service Card.

Take the FLICKS! Movie Trivia Challenge!

What do the three movies in each group have in common? Be very specific.

1. *Cool World*
Song of the South
The Phantom Tollbooth
2. *Secret Honor*
Swimming to Cambodia
Give 'em Hell, Harry!
3. *Ghostbusters*
Armed and Dangerous
Strange Brew
4. *House Party*
Ricochet
The Hard Way
5. *The Life and Death of Colonel Blimp*
Gone With the Wind
Gimme Shelter
6. *On Golden Pond*
Rambling Rose
Wall Street
7. *Throw Momma from the Train*
Ordinary People
Back to the Future
8. *Zelly and Me*
Nightbreed
Close Encounters of the Third Kind
9. *Chaplin*
Working Girl
Driving Miss Daisy
10. *Shakes the Clown*
The Adventures of Baron Munchausen
Dead Again

Send your answers postmarked on or before August 1, to:
FLICKS!/Video Trivia Challenge
Villa Crespo Software
1725 McGovern Street
Highland Park, IL 60035

Drawing will be held on August 31, 1993.
100 prizes will be awarded to the *Video Magazine* readers who correctly answer the most questions:

25 Grand Prizes: FLICKS! Film Review Library™, the most comprehensive database available for video collectors.



25 First Prizes: A copy of a game from Villa Crespo's COFFEE BREAK SERIES.

50 Second Prizes: A *Video Magazine* T-shirt.

Winners will be chosen at random from the entries with the most correct answers.

HANDS ON TEST

BY CLIFF ROTH

VIDEONICS THUMBS UP

Simplify your edits

With the new Thumbs Up controller, Videonics is trying to make video editing simple enough for anyone—even those who think editing is just too much trouble. But this controller is a lot more sophisticated than its humble appearance suggests. Its features include two types of time code, a video fader/enhancer, the ability to create window dub workprint copies showing time code or index numbers, and a 124-event edit decision list memory. At \$229, it's quite a bargain.

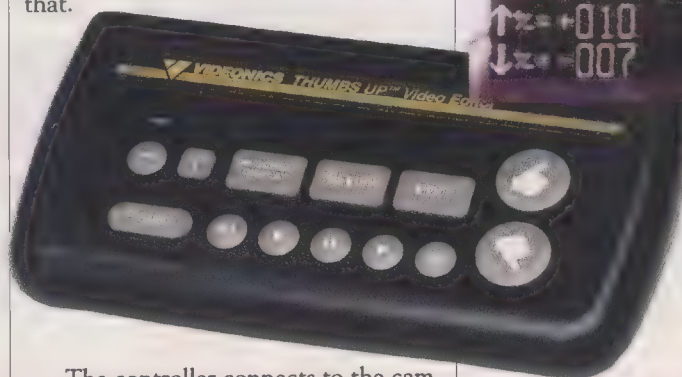
For best results, you need an 8mm or Hi8 camcorder with a LANC (Control L) remote control jack, or a Panasonic professional VCR or camcorder, like the S-VHS AG-1960 or AG-1970, with a five-pin remote jack. Without such a machine as your source deck, you have two choices—either use Thumbs Up's non-automatic "instant edit" technique (a glorified pause control), or make a time-code copy of the tape and edit from that.

pointing up or down to indicate what is or isn't included. Making changes is easy—just press the opposing button to eliminate previous decisions. You can also add video black to the start of a tape automatically.

The initial accuracy of the edits was approximately plus or minus 15 frames (half a second). To improve accuracy, trim adjustments are available for the start and stop points. My edits consistently began about 11 frames early and ended 10 frames late, so I adjusted the trims to compensate. After that, accu-



Edits Made Easy: The Thumbs Up controller (left) and its onscreen control menu (above), which lets a user fine-tune editing accuracy and keep track of scene numbers.



The controller connects to the camcorder or source deck via an edit control cable. The video signal from the source runs to Thumbs Up, and another video cable runs from Thumbs Up to the recorder. Because it uses infrared signals to control the recording deck, Thumbs Up can use almost any VCR as the recorder. But if the VCR has a flying erase head, edit quality will be better.

For starters, I tested Thumbs Up with a Sony CCD-TR200 Hi8 camcorder and a Toshiba M-758 VHS VCR. With Thumbs Up, entering edit points is as simple as pressing the big thumbs up (scene start) and thumbs down (scene end) buttons while the tape plays, or in pause. When viewing the tape, a big thumb appears in the lower left corner,

racy for the first few edits was amazingly close—within five frames, and sometimes within one or two frames. But after about five edits it started drifting, and plus or minus 15-frame accuracy once again became the rule.

To give Thumbs Up an opportunity to really shine, I tried it with a Ricoh R-108H camcorder (which is identical to Sony's discontinued CCD-V801) and Panasonic's AG-1960 VCR. Since the camcorder has RC time code, I expected improvements in accuracy. Thumbs Up delivered—to the tune of plus or minus three frames accuracy, after I adjusted the trims (plus 10 frames at the beginning and minus seven frames at the

continued on page 42

Home

ADVERTISING SUPPLEMENT



Theater



Super Sounds From Nakamichi

A versatile surround-sound system that delivers Nakamichi quality and performance.

In this age of diversifying program sources, an audio/video receiver is increasingly regarded as a system control center that must be capable of handling a wide variety of signals from video as well as audio components. Incorporating a large number of auxiliary functions in a receiver, however, involves the danger of sound quality deterioration. Human engineering factors must be considered as well, for there is nothing more intimidating than a massive array of buttons and knobs.

Nakamichi's AV-1 has been designed with the belief that, above all, musical accuracy must not be compromised. Exceptional audio performance is complemented by a sensible selection of control features that enhance system versatility without sacrificing ease of operation.

Early surround decoders in home equipment suffered from poor channel separation — often as little as 3 dB! The

AV-1 employs an advanced digital Dolby® Pro Logic Surround decoder, which improves separation through the use of "steering-logic" circuitry. It emphasizes the differences in output among surround channels based on program content, delivering separation typically in the 26 to 40 dB range. Sound localization, ambience, and movement effects are thus significantly enhanced.

In addition to Dolby Pro Logic, three additional surround modes; Hall, Natural, and Stadium are provided with four user-programmable memory presets. The AV-1 delivers a total of 310 watts through five channels — more than enough for high-quality reproduction at powerful sound levels. A sub-woofer line output, as well as pre-out/main-in jacks, are available for system expansion and enhancement. The system remote control is factory programmed to operate other Nakamichi components as well as "learning"

the infrared codes of other products, including VCRs, laserdisc players, and TVs.

No A/V System is complete without the inclusion of compact disc and cassette sources. The Nakamichi MB-2 MusicBank® compact disc player is a remarkable combination of superb quality and user-friendly features, with both single-disc performance and multi-disc convenience. Superior CD reproduction quality is assured by advanced engineering, such as Nakamichi's EL 20-bit D/A converter, an 8-times oversampling digital filter, and 3rd order linear phase Bessel-type analog filters. The transport incorporates the unique MusicBank "1+6" system that allows for the storage and recall of up to 7 discs within an internal stocking mechanism. The result is exceptionally smooth, fast, and quiet disc handling.

To deliver the finest analog recording system for home use, Nakamichi has endowed the DR-1 with its latest generation technologies and advanced features. Together, they provide the user with the upmost in cassette record/play performance, superb operational "feel" and accurate control. Frequency response is guaranteed to be within ± 3 dB from 20-21,000 Hz, *even with normal bias tape*; And a user-adjustable playback azimuth fine-tune control ensures optimum performance with any tape — even those recorded on other decks.

The AV-1 is the first surround-sound audio/video receiver available from Nakamichi. Along with the MB-1 and DR-1, it is the answer to those who have desired the convenience of a fully integrated A/V system that provides superior music and video soundtrack reproduction, but have refused to make the move with compromise.

For more information, call Nakamichi at 310-538-8150.



Your Connection To The Electronics World

How to get the best home theater system for your audio/video needs

CEDIA is an association that no lover of home electronics can do without. As a national trade association of companies which specialize in planning and installing electronic systems for the home, the Custom Electronic Design and Installation Association

(CEDIA) is a reliable source for referrals to capable and reputable design/installation contractors. Contact CEDIA today, and find your way to the perfect media room entertainment set-up for your home.

For free referrals to cus-

tom installation specialists or for more information about the Custom Electronics Design and Installation Association, call 1-800-CEDIA30.

Cover photo courtesy of CEDIA/Hi-Fi Sales, Mesa, Arizona.



Home Theater In A Box

With audio/video and surround sound capabilities, Mitsubishi's HTS-300 is almost a home theater in and of itself.

It's hard to believe that the small black-and white televisions of yesteryear have evolved into the high-impact home theaters of today. But now that home entertainment systems have become a force to reckon with, companies are taking steps to ensure that top-notch audio works hand-in-hand with the high-resolution images emanating from today's best televisions. In effect, A/V receivers and surround sound processors have become vital elements in home theater systems, and, while there are many systems that deliver the goods, Mitsubishi may have just changed all the rules with their latest — the HTS-300.

More than just your average A/V receiver, the HTS-300 is a Dolby Pro Logic Surround Sound unit that is capable of operating every home theater function, including audio recording, camcorder playback, and surround sound adjustments. It also offers the finest in video performance options, including a two-dimensional digital dynamic comb filter that can vastly increase the performance levels of any video component routed through it. The HTS-300 never combines signal components, virtually eliminating cross color and dot crawl distortions.

In addition to its impressive video adjustments (including the ability to accommodate S-VHS resolution), the HTS-300 delivers the dynamics of sound purity without a hitch. A highly advanced circuit cancels hazardous frequencies without affecting the original harmonics and a three-position high-cut filter provides the capability to reproduce every last cycle up to 20 kHz and beyond. Every sound you can imagine pouring out of your home theater system comes across with a brilliant edge. Moreover, with the ability to provide compact disc playback and FM selection, the HTS-300 can switch from a home theater manager to a music-playing machine immediately.

The HTS-300's amplifier section masters a five-channel mode power output,

which includes two main stereo channels (100W x 2), a center channel of 100 watts, and a surround channel (50W x 2). The environment settings which are incorporated into the unit include Stadium, Club, and Theater, the latter of which converts your living room into a full-fledged movie house.

The HTS-300's front panel features

inputs for efficient hook-up. Six rear-panel jacks are also featured, as is a head-phone jack, for those film fanatics who like to hear their soundtracks up close and personal.

Along with the array of audio and video capabilities, the HTS-300 is also easy to use. Incorporating Mitsubishi's ViewPoint on-screen menu system, the HTS-300 shows operators concise and clear instruction windows and walks them through both set up and operation in a plain, forthright manner. In other words, Mitsubishi's home theater boom-box means business.

As part of any home theater system, the HTS-300 is a powerful processor that will improve all aspects of the presentation.



Going Wide

Panasonic pleases fans of widescreen with a 50-inch model.

Now that VCRs have conquered the family household, and home theaters are gearing up to do the same, manufacturers are getting ready to unleash their widescreen televisions on the film-loving public. Long regarded as the missing link to the perfect home theater, widescreen TVs, or 16:9 monitor/receivers, provide users with a viewing palette that strongly resembles that of a movie screen. The dimensions are the same, as are the dynamics; the only difference is that you get to watch your favorite films in the comfort of your own home.

Panasonic has beaten all contenders

to the punch with the CinemaVision Projection TV (PT-50WXF5), expected to be the first such set in the U.S. The PT-50WXF5 features a 50-inch diagonal screen, but even more important, it ensures a sharp, vivid picture which incorporates 16:9 aspect ratio technology. The aspect ratio (proportion of image width to height) of a conventional television is a mere 4:3.

The widescreen format has been in high demand, as is evidenced by the growing number of videocassettes and laserdiscs that are available in the cinematic letterbox format. Even some cable television stations are getting into the



action by broadcasting transmissions for the 16:9 format. CinemaVision enhances the theater effect even further by expanding the image to fill the entire screen, eliminating the obtrusive black spaces above and below the screen. However, for all its technological wizardry and widescreen capabilities, the PT-50WXF5 can also handle conventional signal source transmissions.

A popular feature in all televisions, Picture-in-Picture is also found here. Additionally, the unit features Picture-Outside-Picture, which, when showing conventional 4:3 programming, displays the inset picture within the available space on the side of the main projected image. Both functions work on twin-tuner technology.

Other elements that add to the allure of the PT-50WXF5 include favorite channel memory scanning, front-mounted A/V inputs, and a new icon menu control system, which uses graphics to make media manipulation faster than ever. A special feature enables users to move the main picture to any position on the screen.

It seems as if the future of television technology has arrived, and with the PT-50WXF5, retailing at \$5499.99, Panasonic has an enviable leg-up on the competition.



Instant Success

Instant Replay debuts new VCR/standards converter.

Instant Replay, an American company based in Miami, Florida, has specialized in the development and manufacture of multi-system VCRs for two decades. They have developed benchmark products that have addressed the incompatibility of various international

broadcast standards. Instant Replay was the first company to break the video standards barrier with the introduction of the Image Translator VCR. This was the first VCR to play foreign system videotapes on American TV sets. This gave consumers and businesses global access to video.

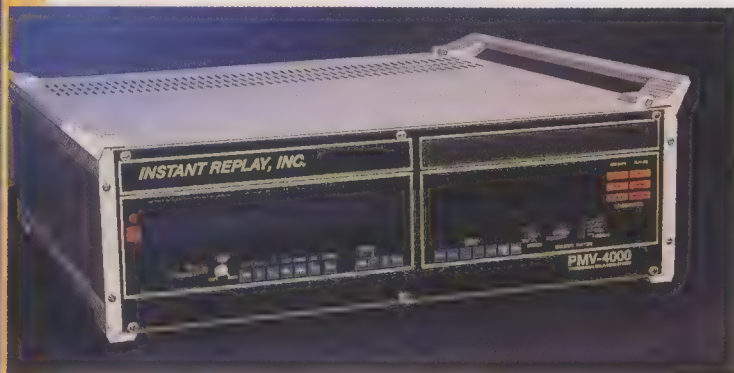
Earlier this year, Instant Replay introduced the MV2000, the first in a new line of industrial quality VCR/standards converters. Bi-directional (NTSC to foreign systems, foreign systems to NTSC) capability con-

verts across all major broadcast systems. The user can copy NTSC (the American system) from foreign systems or vice-versa. The MV2000 will record a converted copy from an external source. All conversion capabilities provide excellent color reproduction and picture detail. Motion is smooth in action scenes, and even critical sports footage appears frame accurate.

Additional digital technology provides a number of sophisticated features not previously associated with standards converter technology. Digital Still Frame, Slow Motion, and Search provide noiseless special effects. A jog/shuttle remote control and video indexing provide quick access to specific segments.

The unit incorporates several international capabilities for use overseas. It has an array of tuners and an auto multi-voltage power supply for the international traveller. Hi-Fi audio completes the package of valuable features. All of these capabilities are housed in a metal cabinet incorporating a sleek industrial design with soft touch logic controls. This is truly an unprecedented value in an unprecedented package.

For more information, call Instant Replay at 1-800-749-8779.





Speak Up With Sony

Liven up your living room with new components from Sony.

While you may have the best home theater set-up on the block, you're not going to get very far by way of impressing your friends if you don't showcase a set of speakers that truly packs a wallop. When it comes to home theater sound, speakers that have been custom-built to play film and television soundtracks play a vital role in your home theater success story.

That's why Sony has introduced the new SA-VA3 to home theater owners who demand only the best when it comes to entertainment audio. Dubbed as "the first completely self-contained home theater sound system," the SA-VA3 features internal Dolby Pro Logic decoding and, believe it or not, a remote control for system operation. No other audio/video speaker system can currently boast this capability.

In order to get the full effect of cars screeching, bullets zooming, and explosions, well, exploding, Sony has packed the SA-VA3 with two surround sound (rear) speakers, which produce a power output of 25W. Two front speakers deliver 35 Watts each, while a built-in center channel yields 30. A 50W subwoofer is also included so that each and every rumble that rolls across your home theater soundtrack is experienced in all its bass-driven glory.

Priced at under \$1000, the tri-amplified SA-VA3 is an A/V system that no home theater can do without, that is unless high-

power and easy set-up is not your style. If you're ready to upgrade your set-up to the entertainment arsenal it was meant to be, Sony is on-hand to heed your call.

For playing those favorite movies on disc, Sony also presents consumers with the perfect complement to the SA-VA3, the MDP-600 AV laserdisc multidisc player. Displaying a crystal-clear picture quality, made possible by tri-digital video processing circuitry, the MDP-600 prominently features a digital time base corrector, 3-line digital comb filter, and digital dropout compensation. As laserdiscs continue to grow in popularity, more and more home theater users are choosing them as their viewing format of choice.

Quick start/quick reverse is also available on Sony's newest player, as is auto reverse play, which eliminates the need for viewers to get up and change the laserdisc just when the action's getting good. Other amenities include S-Video outputs, optical digital audio output, dual-mode shuttle control, and a high-density linear convertor for outstanding audio. The MDP-600 also includes a mic input with volume control and echo for those who want to experiment with the growing karaoke phenomenon.

Together, the SA-VA3 speaker system and MDP-600 AV laserdisc player give all the sights and sounds a home theater enthusiast could ever want.



Govern Your Sound

Polaris Industries offers home theater owners the ideal sound solution.



For maximum management of home theater audio, Polaris Industries introduces the AudioComp, an audio compression unit utilized for limiting the dynamic range of stereo or mono sources. Designed to limit the range of offending transitions in audio, the AudioComp acts as an efficient sound governor that is capable of maintaining audio at a constant level. Dynamic audio range can be adjusted via a compression range adjustment, which also allows the listener to maintain a pleasant listening level. Moreover, the compression range adjustment lets you open the range for more noticeable audio transitions.

With the AudioComp, you no longer have to worry about irritating popping or booming noises between television programs, movies or even loud commercials. Crystal-clear sound is the *modus operandi* for Polaris Industries' audio compression unit.

The AudioComp complements a full line of A/V products made in the USA by Polaris Industries, and it serves as a perfect companion-piece for the videographer wanting to smooth-out studio noises on audio tracks. The Atlanta-based company has been a manufacturer and distributor of high-quality professional and consumer products since 1983. For more information about the AudioComp, request a catalog by calling Polaris Industries at (800) 752-3571.



A Taste of Home Theater

ACT II MOVIE TIME TUBS brings the snack counter into your kitchen.

Just as no theater visit is complete without a tub of hot buttered popcorn, no home theater is complete without the tasty snack as well. With butter-flavored ACT II MOVIE TIME TUBS, available through Assured Promotions Services (APS), you'll bring the smells and tastes of movie popcorn right into your living room — packaged in an authentic theater-style tub.

ACT II MOVIE TIME TUBS are easy to make — just pop the tub into the microwave and you're ready to dim the lights and enjoy a "real" home theater experience. In addition to tasting great, the patented tub pops nearly 100 percent of the kernels, plus it releases that great movie-style popcorn aroma.

For more information on completing the home theater experience, call APS at 1-800-331-8552.



The Power of Positive Thinking

Bose's powered loudspeakers make a sound investment.



While great speaker systems are considered a must for any home theater system, Bose has one-upped the ante with their acclaimed powered units based in the Acoustimass speaker line. Designed for use with the company's unique Lifestyle system, the Acoustimass 5 Series II offers consumers the benefits of compact size (the cube arrays are 20 percent smaller than the original Acoustimass 5, to be exact) combined with sheer power. Each cube speaker array is magnetically shielded and measures 6 3/8"H x 3 1/8"W x 4 3/4"D, while the bass module, which contains three built-in amplifiers in a bi-amplification mode, measures in at a mere 20 x 9 x 12 inches.

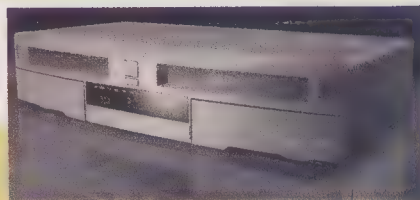
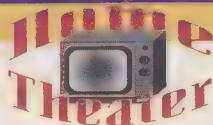
The system has been designed to provide pure sound, enhanced bass, and lower distortion. Due to Acoustimass technology, the bulkiest part of the loudspeaker, the woofer, is separated from the rest of the system, while the high and mid-range frequency drivers are set in tiny, unobtrusive enclosures. One of the most positive assets of the Acoustimass system is the unique acoustic filtering action the bass module employs. Because

of this process, the unit is free from audible high-frequency distortion components, and the illusion that all the sound is emanating from two small cube speakers, rather than in conjunction with a hidden subwoofer, is conveyed in full force.

One 100-watt amplifier powers the bass module itself while two 50-watt amplifiers power the left and right high and mid-range channels. Active electronic equalization, incorporated in the amplifiers, provides accurate tonal balance, and a patented dynamic equalization circuitry fosters deep bass, even at low background volume levels. This means that you no longer have to raise your home theater to ear-splitting volume levels in order to get the full effect of slam-bang movie action. Automatic protection has been incorporated into the Acoustimass 5 Series II, in order to prevent damage from signal overloads.

Customized set-up is possible through the cube speakers, which can rotate nearly 360 degrees. Utilize this feature to your benefit in order to create the perfect, true-to-life, stereo sound image that best fits the size of your entertainment domain.

For more details, call 1-800-444-BOSE.



Make The Intelligent Choice

*Vista
International's
dual-deck VCR
doubles your
video pleasure
for only \$499.*

Vista International puts the dual-deck VCR firmly on the map of the video landscape with the **Intelestar**. Configured in a VCR/VCP combination, the **Intelestar** utilizes one deck as a recorder and the other as a playback device. This makes

the **Intelestar** unit an adventurous recording unit that makes dual-cassette experimentation a breeze.

For a smart product of this nature, efficiency is a must, and the **Intelestar** delivers features such as jet search, automatic rewind, and digital auto tracking that make dual operation easy. A VHS index search system (VISS) enables you to locate the beginning of any recording made on the **Intelestar**. By initiating VISS, a specified tape segment can be found and playback can start rolling automatically.

Front panel jacks are

available for audio and video purposes, so that the videographer in you can take the free and easy path to editing. The **Intelestar** provides you with the option of working with either 8mm or VHS formats. Other features which make the DDV-500 a dual deck to reckon with include 181 channel cable ready tuner, an auto programming channel memory, and an 8 event/1 month programmable on-screen timer with every day programming.

Intelligent copying can simply be achieved with the press of one button (the "Intele Copy" button to be

exact). When automatic recording is activated, a built-in video stabilizing unit will also be activated, ensuring a clear copy from prerecorded tapes.

HQ High Quality picture enhancement is incorporated within the unit's circuitry, adding to the exceptional home theater atmosphere. With the **Intelestar**, movies that are enjoyed in your home theater set-up can be viewed in a dazzling array of color.

Check out Vista International's **Intelestar**, and immediately double your pleasure. For more information, call 602-829-8110.

The Great Indoors

Panasonic Broadcast's projector makes home-movie viewing a treat.

There's just nothing like watching your favorite show or movie on a screen that spans up to 120 inches (measured diagonally) within the comfort of your own home. And if anyone is carrying the torch for the front video projection market, it's Panasonic Broadcast, who is continuing to wow home theater lovers with their versatile PT-B1010U/UF unit (\$9000 suggested retail price). Whether it's 120-inch epics you desire, or 80-inch classics, Panasonic Broadcast's exciting projector is bound to pique your taste for high-quality home theater.

Most anyone who owns a video projector demands crisp, clear resolution that doesn't obscure any moment of the movie action. The PT-B1010U/UF offers a vivid 700 lumens output at white peak, a superb 1100-line resolution for RGB, and an 800-line resolution for video. Distracting reflections are eliminated through a direct optical coupling system, while the three CRTs and their lenses are optically coupled by a silicon gel that fosters the best picture possible. With Panasonic Broadcast's projector, problems with brightness levels will be virtually non-existent.

When combined with the company's ET-100DS Advanced Digital Scan Converter, IDTV (improved definition television) is made possible, while HDTV images are capable of being beamed in at 33.75 kHz whenever the source material becomes available. Precise picture adjustment is made possible, right up to the screen corners, due to a digital convergence adjustment circuit.

The PT-B1010U/UF offers variety in the sources that may be connected, featuring a three-input capability for interfacing to S-Video via a mini DIN 4-pin connector. Interfacing to analog RGB from computers and cameras through BNC connectors and line sources is also available, while separate settings for S-Video, RGB, and line input sources are stored in memory recall.

When it comes to viewing shows during leisure-time, popcorn may be a must, but even more important is the remote control. The PT-B1010U/UF comes with a wireless remote with a rear compartment that holds controls for digital convergence, color temperature selector, and installation controls.

This system is perfect for your adventure through The Great Indoors.

Call 201-348-7000 for more information.





Samsung's Video Centerpiece

Samsung's 27" television makes a solid heart for any home theater.

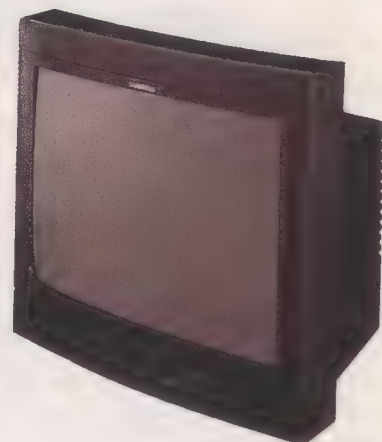
No matter how powerful your home theater has become, without the proper television, you might as well take your business to the local cineplex. While great sound and easy operation are undeniably vital elements in a home theater, it's a safe bet that it will be your monitor/receiver that's going to be the defining factor in your set-up. One model that is making waves in the home theater market is the TXB2725 27" color monitor/receiver (\$670) from Samsung, a sleek and affordable unit which delivers high-performance and easy operation for a variety of applications.

The TXB2725 showcases a convex curved screen that stretches from one side of the television set to the other. Its attractive aero-look will be wowing style-watchers for years to come. A quick-start, in-line

gun with slotted mask and black matrix picture tube is also featured in order to ensure a first-rate picture, while a comb filter is included for higher resolution.

Component or camcorder hook-up to the TXB2725 is made simple due to a virtually seamless front panel which comes equipped with an audio/video and S-Video jack input. More A/V and S-Video jacks are featured on the rear of the unit (including a variable audio output jack) for further attachment of auxiliary items.

Top-notch stereo sound comes from a set of speakers (1.5 watts RMS). The television utilizes an MTS decoder for stereo and SAP reception, and dbx noise reduction is on-hand so that movie soundtracks can be heard the way they were meant to be heard. Other features include a closed-caption decoder and an on-screen multi-



mode display for channel, time, and picture controls. A 33-key infrared remote control comes standard with the 27" (W) x 24 1/2" (H) x 19 7/8" (D) monitor/receiver.

The TXB2725 is showcased with other products in the Samsung television line, including the 20-inch TXB2025 (\$430) and the 31-inch TXB3115 (\$1470).

AudioQuest Brings It All Home

Although unseen and often forgotten, cables can make or break the home theater.



Like it or not, your home theater system isn't living up to its full potential if all the cables are not in tip-top shape. That's why AudioQuest is producing a vast array of high-quality cables specifically made for both the audio and video applications of the home theater.

With their wide variety of products,

AudioQuest seeks to conquer similar problems associated with all cables, problems that, more often than not, are caused by the sole reason of incompetence. No matter what application you are looking to safeguard against, you can be sure that AudioQuest will be ready to pave the way towards A/V brilliance — at a price that's right.

AudioQuest believes that the difference between a large-sized television and a home theater is the audio portion and its ability to convey emotion. For masterful audio operation, AudioQuest makes the Ruby (\$95/meter) and the Quartz (\$160/meter) cables, both of which are constructed with Hyperlitz precision. The Hyperlitz construction method puts a stop to sound distortions which can be caused by strand or magnetic interaction.

Video brilliance can be achieved with AudioQuest's Video Z (\$75/meter) or

Video Pro (\$150/meter) cables. The Video Z is made of FPC-6 (functionally perfect copper), and features a welded connector rather than a soldered one. This eliminates joints between the wire and plug, making for a better picture. The Video Pro is made of silver, causing it to be a highly-efficient conductor and fostering incredibly detailed on-screen images.

Other video cables which can increase your home theater's performance considerably are the Video X and the Video S/X, both of which use Teflon insulated solid OFHC copper conductors in a symmetrical arrangement. The Video S/X is made up of two very high quality video cables positioned side-by-side and connected to a gold plated "S" connector.

An additional S-Video cable that is available from AudioQuest is the Video S/Pro. Constructed of solid FPS silver, it's really just two very high-quality video cables placed side-by-side and connected to a gold-plated "S" connector.

For a complementary copy of AudioQuest's "Cable Design" booklet, call 714-498-2770 or write P.O. Box 3060, San Clemente, CA 92674.

VIDEO SHOWCASE

The Finishing Touch



*New ACT II
MOVIE TIME TUBS
Complete the Home
Theater Experience.*

You wouldn't sit through a theatrical blockbuster without a Tub of Movie popcorn — so why do it in your home theater?

Now you don't have to with the new butter-flavored ACT II MOVIE TIME TUBS, available through Assured Promotion Services (APS). These authentic theater-style tubs prepare a steaming cinematic snack in minutes — simply place the

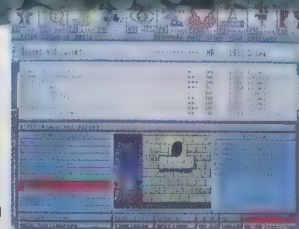
whole tub in your microwave and get ready to settle in for a "real" home theater experience.

The patented container pops nearly 100 percent of the kernels, while re-creating that tempting aroma that sends you running for the Bijou snack counter.

For more information on how to add the finishing touch to your home theater, call APS at 1-800-331-8552.

CIRCLE SHOWCASE #1

Keep Track of Your Video Collection with FLICKS! Film Review Library™



If you're a typical VIDEO reader, we know that you probably have an extensive home video library. Now you can keep track of your collection with FLICKS! Film Review Library. With **over 30,000 movies listed**, FLICKS! is the most comprehensive and sophisticated movie database ever for DOS-based computers.

Each listing includes extensive cast and director credits, critical ratings, MPAA ratings, Academy Award winners and nominees, and video, laserdisc, and closed caption availability. Rapid search lets you look up movies by any feature or combination of features, and you can sort, save, and print your own specialized lists. You can also edit the data for any movie or add new movies, TV shows, home videos, and more. And the FLICKS! trivia game lets you test your knowledge of movies old and new.

FLICKS! Film Review Library™
\$59.95

Villa Crespo Software, Inc.
1725 McGovern Street - Highland Park, IL 60035
Tel. (708) 433-0500 - Fax (708) 433-1485

CIRCLE SHOWCASE #2

Chaparral Monterey Satellite Receivers

Quite



THE SUMMER CONSUMER ELECTRONICS SHOW

VS9306

AGAIN OPEN ITS
IS TO THE GENERAL
IC IN CHICAGO ON
: 6, 1993.
U ARE GOING TO
HERE - GREAT. IF
WE'VE GOT THE
BEST THING...

SHOP WITH THE VIDEO SHOWCASE

Get more information on any advertisers featured in Video Showcase or find out where the nearest dealer is for that product. Simply circle the product number along with your desired shopping option and we'll do the rest!

Showcase #1

- A. Send me literature
- B. Send me dealer information

Showcase #2

- A. Send me literature
- B. Send me dealer information

Showcase #3

- A. Send me literature
- B. Send me dealer information

Showcase #4

- A. Send me literature
- B. Send me dealer information

Name _____

Address _____

City _____ State _____ Zip _____ Phone _____



#4



Samsung's Video Centerpiece

Samsung's 27" television makes a solid heart for any home theater.

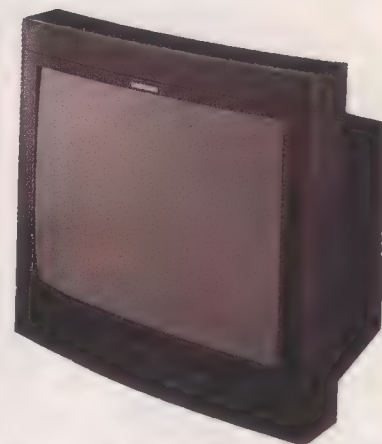
No matter how powerful your home theater has become, without the proper television, you might as well take your business to the local cineplex. While great sound and easy operation are undeniably vital elements in a home theater, it's a safe bet that it will be your monitor/receiver that's going to be the defining factor in your set-up. One model that is making waves in the home theater market is the TXB2725 27" color monitor/receiver (\$670) from Samsung, a sleek and affordable unit which delivers high-performance and easy operation for a variety of applications.

The TXB2725 showcases a convex curved screen that stretches from one side of the television set to the other. Its attractive aero-look will be wowing style-watchers for years to come. A quick-start, in-line

gun with slotted mask and black matrix picture tube is also featured in order to ensure a first-rate picture, while a comb filter is included for higher resolution.

Component or camcorder hook-up to the TXB2725 is made simple due to a virtually seamless front panel which comes equipped with an audio/video and S-Video jack input. More A/V and S-Video jacks are featured on the rear of the unit (including a variable audio output jack) for further attachment of auxiliary items.

Top-notch stereo sound comes from a set of speakers (1.5 watts RMS). The television utilizes an MTS decoder for stereo and SAP reception, and dbx noise reduction is on-hand so that movie soundtracks can be heard the way they were meant to be heard. Other features include a closed-caption decoder and an on-screen multi-



mode display for channel, time, and picture controls. A 33-key infrared remote control comes standard with the 27" (W) x 24 1/2" (H) x 19 7/8" (D) monitor/receiver.

The TXB2725 is showcased with other products in the Samsung television line, including the 20-inch TXB2025 (\$430) and the 31-inch TXB3115 (\$1470).

AudioQuest Brings It All Home

Although unseen and often forgotten, cables can make or break t

Video Pro (\$150/meter) cables. The Video Z is made of FPC-6 (functionally perfect copper), and features a welded connector



Like it or not, your system is only as good as the cables that connect it. AudioQuest is proud to offer the highest quality cables for both the audio and video components of the home theater.

With their wire



PLACE
STAMP
HERE

VIDEO

460 West 34th Street
New York, NY 10117-0460



VIDEO SHOWCASE

The Finishing Touch



**New ACT II
MOVIE TIME TUBS**
*Complete the Home
Theater Experience.*

You wouldn't sit through a theatrical blockbuster without a Tub of Movie popcorn — so why do it in your home theater?

Now you don't have to with the new butter-flavored ACT II MOVIE TIME TUBS, available through Assured Promotion Services (APS). These authentic theater-style tubs prepare a steaming cinematic snack in minutes — simply place the

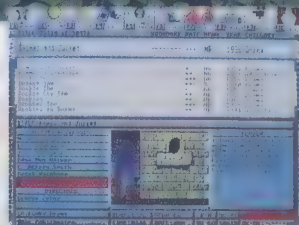
whole tub in your microwave and get ready to settle in for a "real" home theater experience.

The patented container pops nearly 100 percent of the kernels, while re-creating that tempting aroma that sends you running for the Bijou snack counter.

For more information on how to add the finishing touch to your home theater, call APS at 1-800-331-8552.

CIRCLE SHOWCASE #1

Keep Track of Your Video Collection with FLICKS! Film Review Library™



If you're a typical VIDEO reader, we know that you probably have an extensive home video library. Now you can keep track of your collection with FLICKS! Film Review Library. With **over 30,000 movies listed**, FLICKS! is the most comprehensive and sophisticated movie database ever for DOS-based computers.

Each listing includes extensive cast and director credits, critical ratings, MPAA ratings, Academy Award winners and nominees, and video, laserdisc, and closed caption availability. Rapid search lets you look up movies by any feature or combination of features, and you can sort, save, and print your own specialized lists. You can also edit the data for any movie or add new movies, TV shows, home videos, and more. And the FLICKS! trivia game lets you test your knowledge of movies old and new.

FLICKS! Film Review Library™
\$59.95

Villa Crespo Software, Inc.
1725 McGovern Street - Highland Park, IL 60035
Tel. (708) 433-0500 - Fax (708) 433-1485

CIRCLE SHOWCASE #2

Chaparral Monterey Satellite Receivers

*Quite
Simply...
The Best in
Sights &
Sounds*



The Monterey satellite receiver's unique four-way audio/video switcher lets you easily select from a host of satellite TV options or as many as three other audio/video alternatives — and from any room in the house. Your VCR, camcorder or CD player can be on-line and entertainment-ready at all times. And with the receiver's digital color P-I-P functions, you can toggle on-screen between any two of these inputs at once. What's more, several Monterey models offer the best in satellite sound in digital or analog stereo, and with Dolby surround sound and dynamic noise reduction. The Monterey is the essential control center to the ultimate home entertainment experience.

For more information and location of the Chaparral dealer nearest you, call: (408) 435-1530

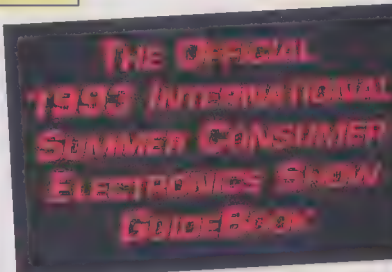
CIRCLE SHOWCASE #3



**THE SUMMER
CONSUMER
ELECTRONICS SHOW**
WILL AGAIN OPEN ITS
DOORS TO THE GENERAL
PUBLIC IN CHICAGO ON
JUNE 6, 1993.
IF YOU ARE GOING TO
BE THERE - GREAT. IF
NOT, WE'VE GOT THE
NEXT BEST THING...

Full color, new products
and manufacturer
information. Published
by VIDEO Magazine.

Send only \$9.00 plus
\$1.00 handling to:
GUIDEBOOK, VIDEO
Magazine, 460 West 34th
St., New York, NY 10001.



CIRCLE SHOWCASE #4

NO BULL....

FOR ORDERS ONLY

1-800-662-8559

800 NO BULL 93

800 NO BULL 6 (662-8556)

Canada 800 344 BULL (2855)

FOR ALL INFO 908-566-7100

WE WILL BEAT YOUR BEST LEGIT DEAL

VIDEO ACCESSORIES

VIDEOICS

TITLE MAKER
EDIT MAKER
THUMBS UP
EQUALIZER
BOING BOX



- BATTERIES
- CASES
- CHARACTER GENERATORS
- ALL EDITORS
- FILTERS
- ALL INDUSTRIAL
- LENSES
- MIKES
- MIXERS
- MONITORS
- RECONDITIONERS
- REMOTE CONTROLS
- TITLERS
- TRIPODS
- TURBO
- CHARGERS
- VIDEO LIGHTS

AND ALL OTHER ACCESSORIES

SONY STEADICAM JR.

SUNPAK

SIMA

Tokina

AZDEN

JVC

VIDEOICS

AMBICO

ARKON

Panasonic

CITIZEN

VIDICRAFT

...AND MANY MORE!!

ELECTROWORKS

INC. DBA K.B. VIDEO & ELECTRONICS
YOUR AUTHORIZED DEALER

Circle 10 on Reader Service Card

ALL EQUIPMENT IS U.S.A. WARRANTEED AND FACTORY FRESH. NO BULL....

Q&A

BY RODERICK WOODCOCK

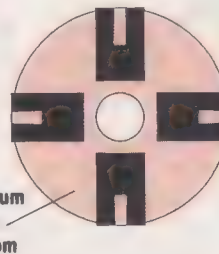
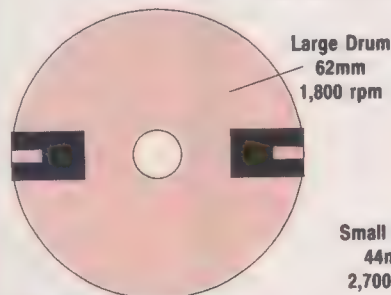
Preventing picture bending & avoiding camcorder damage

Q Why does a third-generation copy from my S-VHS master tape bend in entire sections? For example, if the picture is of a tree trunk, the middle section of the trunk slides out from the rest of the tree. I don't notice this bending problem while making the second-generation copy. I use a Panasonic PV-S4990 VCR and an RCA CC360 camcorder.

Bob Osborne
Ashtabula, Ohio

Q When a VCR operates, the cabinet gets hot. But with a camcorder, there's almost no heat, even though it doesn't have any vents. Why is this? Also, why do all camcorders have plastic cabinets? Plastic is easy to dent, scratch or crack—wouldn't metal be better? While camping, I accidentally smeared my camcorder with some insect repellent that was on my hands. The plastic cabinet actually melted.

Myron Shulman
Brooklyn, New York



A The problem is caused by the difference in the diameter of the head drums used in the VCR and camcorder, amplified by the tighter tape wrap used with the smaller drum. A VHS VCR employs a head drum 62mm in diameter, while the camcorder saves space by using a 44mm drum fitted with four heads instead of two, and revolving at a faster 2,700 rpm. The small drum's technical drawbacks include increased jitter and timebase error, and greater stress on the tape due to a more complicated tape path.

As long as a tape is played back by the same VCR or camcorder that made it, you shouldn't have any problems because the stresses are the same. But tapes made with a small drum and played on a standard drum will exhibit bending in vertical lines, often at two or more places. Depending on the number of times you copy a tape and the machines you use as player and recorder, these problems can become magnified to the point where a third-generation tape is unviewable.

It's for this reason that professional VCRs and camcorders use the larger drum and offer single-speed recording with wide heads. Plus, the pros iron out jitter and timebase problems with timebase correctors.

A Camcorders are rarely used for more than 15 minutes at a time, unlike VCRs, which sometimes run for eight hours at a stretch. If you hook up a camcorder to the AC adapter and

let it run for two or three hours, it will get quite hot. Most of the heat generated in a VCR comes from its AC transformer. With camcorders, the AC adapter is a separate component, attached to the camcorder with a cord.

As for metal cabinets, you'll usually find them on expensive camcorders intended for professional or industrial use. There's no argument that metal is stronger and more durable. But it's much more expensive to make metal cabinets. Plastic cabinets are also lighter than metal, a fact consumers appreciate as camcorders continue to shrink.

Camcorder instruction manuals usually warn about the solvent properties of acetone, lighter fluid and the like. Insect spray is only one among dozens of substances that can cause problems. The only safeguard is never to let any fluids come in contact with your camcorder. Not only can they damage the chassis, controls and lens, they can invade the mechanism and short out the circuitry.

Video Magazine welcomes your questions. Please include a phone number, but not a return envelope as the volume of mail does not permit replies. All letters may be edited for clarity and space. Address queries to Q & A, Video Magazine, 460 West 34 Street, New York, NY 10001.

Q I have a Sony FDL-310 portable TV set with a three-inch LCD screen. I want to use it as a monitor for my Sony CCD-F77 camcorder. There are two sockets on the side of the set. What type of cable do I need to be able to hook the camcorder up to my TV set, and where can I find it?

James Larsen
Norcross, Georgia

A You have a choice. Either connect the RF modulator provided with your camcorder to the TV set's external antenna input mini-jack (on top of the TV, near the antenna), or use the camcorder's direct audio/video input mini-jack, which is on the left side, between the external power input jack and the headphone jack.

Both hookups require special cables. The former requires that the TV set be tuned to Channel 3 or 4. This cable has an F-connector at one end and a mini-plug on the other.

But the direct audio/video hookup offers advantages. First, there's no need to tune the TV set to Channel 3 or 4. Second, the signal will be slightly cleaner than the RF signal, although the difference will be hard to detect on a three-inch LCD screen. It requires a cable with two RCA plugs on one end and a stereo mini-plug on the other. Both cables can be difficult to find. Call 1-800-222-SONY for assistance in finding a dealer that stocks them.

Q In the movie *Patriot Games*, what appears to be a Sony Video Walkman is used to peer under a door frame, using a small pencil-sized camera. Does this camera really exist, or was it just a prop? If it does exist, where can I purchase one?

David Ashcroft
Lawndale, California

A While some Video Walkmans come with a camera input, the only camera Sony offers that plugs into it is far from pencil-sized. Cameras with barrels the diameter of a pencil do exist, but are extremely expensive. They're often used for laparoscopic surgery, where their size makes it possible for them to be introduced into the human body through an

incision or orifice to perform visual diagnosis and surgery (with miniaturized, remotely controlled instruments).

Slightly larger cameras (about one-half inch in diameter) have found favor with video journalists and law enforcement agencies, where they have been concealed inside lamps, bookcases, baseball caps and tote bags—any place their presence is likely to go unnoticed.

Directly connecting a miniature camera to a Video Walkman, however, would require a specialized interface that matches the video capabilities and voltages of the VCR with the unique requirements of the camera itself. No such product currently exists, although it could be engineered.

Q I'm interested in buying a wireless transmitter to send audio and video from a camera in a remote location to a VCR several hundred feet away. It needs to be battery-operated. Anything available that's reasonably priced?

Bob Jackson
Tucson, Arizona

A Some years ago, there was a spate of wireless audio/video transmitters that sold for \$50 or less. They operated from 12-volt DC power sources, and transmitted a UHF signal which could be received on a TV tuned to Channel 14 or 15. But the FCC banned all such devices. A more recent round of UHF transmitters, such as Recoton's Room Service, operate on a legal UHF frequency which is converted (through a separate receiver) into a standard Channel 3/4 RF signal for reception by the VCR or TV. Unfortunately, this type of device operates from AC only, as do most competing models. And while the signal strength is usually adequate to transmit a signal from one room to another, audio and video quality doesn't hold up beyond about 100 feet, depending on intervening structures and other interference.

One company that might be able to meet your need is Super Circuits in Austin, Texas (512-335-9777). It carries RF video transmitters, as well as several color and black-and-white microcameras, suitable for concealing in remote-controlled model aircraft and cars.

Q My new Mitsubishi HS-U55 has the usual Channel 3/4 RF switch on the back like other VCRs, but it also has a tiny off switch. What's the purpose of this switch, and why isn't it on other VCRs?

R. J. Carruthers
San Diego, California

A The Channel 3/4 RF modulator has been a standard feature on every tuner-equipped VCR. It's really a tiny TV transmitter, designed to convert the audio/video signals coming out of your VCR into a low-powered radio-frequency signal which can be received by your TV set on Channel 3 or 4.

However, many of today's TV sets can receive their audio and video signals directly from the VCR using patch cords fitted with RCA or S-video connectors. Since the RF modulator isn't needed in this case, disabling it through the addition of a small switch is a good idea. This prevents the signal from a live but unused RF modulator from interfering with other signals. This interference often degrades the picture.

To my knowledge, this RF off switch has only shown up on selected Mitsubishi VCRs. It's a good idea though, one I'd like to see picked up by other manufacturers.

Q In one of your columns, you speculated on when a 40-minute VHS-C tape would be available. But while traveling in Europe, I purchased several 45-minute EC-45 VHS-C tapes. Why are they sold over there and not in the U.S.?

Bob Breven
New York, New York

A Sorry, Bob, but the EC-45 tapes you bought contain only 66 meters of videotape, enough for 45 minutes of recording in PAL, but only 33 minutes in NTSC. The standard speed for PAL VHS tape is 2.339 centimeters per second, while for NTSC it's 3.335 cm/sec. When an NTSC TC-40 cassette shows up, it will have to have at least 84 meters of very thin tape to deliver 40 minutes at SP (and 60 minutes in PAL SP). Panasonic now has a TC-40 switch on its camcorders, but we're still waiting for the tape. ■

8mm CAMCORDER

continued from page 20

which shows as darkened picture corners and is commonly seen with accessory lenses.

The TR61 incorporates the rotary auto exposure mode switch found on some of Sony's recent family-style FX camcorders. There are four modes: portrait, sports, high-speed shutter and twilight. The latter is a new mode we haven't seen on previous Sony camcorders. It uses the normal 1/60-second shutter, but doesn't allow the aperture to open all the way, as would normally happen in twilight. This keeps the highlights bright, but dark areas remain dark to preserve the mood.

The portrait mode produces a shallow depth of field by using the maximum possible aperture setting and regulating exposure with shutter speed to 1/2,000-second. The result is that the subject is in focus, but the background and foreground are not. The sports mode uses the maximum possible shutter speeds to 1/500-second and a small aperture setting to capture medium-fast motion (as you'd get when shooting a football

game) while maintaining maximum depth of field. This way, you can get crisp still-frames and slow motion on playback. The high-speed shutter mode uses a 1/4,000-second shutter speed to capture very fast action, like a golf swing.

Its other features include fade to black or mosaic, automatic wind noise filtering and backlight compensation. A two-speed zoom lets you do slow, crawling zooms or fast zooms for quick shot framing. The integral lens cap, activated by a slide switch, is much more convenient than the usual caps, which dangle from strings and get in the way.

There are onscreen meters for zoom setting and tape remaining, and numerous other graphics reassure you of the current status for the camcorder and of trouble should it arise. The feature complement is well thought out, although you may miss A/V input (a rare omission for Sony), a headphone jack, indexing, a titler, and manual control of exposure and white balance.

At 1.7 pounds stripped and 2.2 pounds fully loaded, the TR61 ranks among the lightest 8mm camcorders. Its chassis is somewhat simplified compared to those of past Sony subcompacts—

there's no hatch covering the tape compartment. This makes changing tapes a little more convenient. The transport controls are hidden under a flap on top. A thumbwheel on the lower left side provides smooth, accurate control of manual focus. When the viewfinder is tilted up for low-angle shooting, it reveals switches for trigger alarm on/off, remote commander on/off and edit on/off plus buttons for daylight-saving time and area (time zone).

The tiny remote control measures just 1-3/8 by 2-7/8 by 3/8 inches and has buttons for playback, record and zoom. A slide switch for hold prevents accidental operation, and a holder lets you carry it on your belt or the carrying strap. The remote also lets you display the data screen on a TV, a function not available on the camcorder itself.

The camcorder is easy to carry and even easier to use than earlier TR models. To record you snap on a fresh battery, insert a cassette and put the power switch in camera mode. Your thumb does the rest by switching from lock to standby and pushing the run/stop button. The date is imprinted automatically the first time the camera is used each day. White balance is always automatic,



MADE IN U.S.A.

CAMCORDER REPLACEMENT BATTERIES

- HIGHEST CAPACITY • LONGEST RUN TIME
- LOWEST PRICES • 24 HOUR SHIPPING

PANASONIC PB80/88 orig. PAN ..	\$39.00
SONY NP77H 2400 mah	\$39.00
SONY 8mm 1500 mah	\$26.00
CANON 8mm 2000 mah	\$33.00
PALMCORDER 2000 mah	\$33.00
JVC GR-C9 1500 mah	\$35.00
SHARP BT 21/22	\$45.00

RAPID CHARGERS

CAMCORDER CHARGER/DISCHARGER

6V, 7.2V, 9.6V from house or auto - 1 hr. time for Sony, Canon, Panasonic, RCA/Hitachi

Charges 1 battery \$49 Charges 2 batteries \$87

NEW External Powerpac+®

will give you a minimum of 5 to 7 hours of recording time.

Powerpac+ includes:

- 6 volt @ 10 Amps sealed lead acid battery
- Heavy duty pouch and belt
- A charger for charging at home (optional charging cord for car, boat or plane).
- An adaptor of your choice.

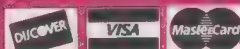
\$85



BATTERY-TECH, INC.

28-25 215 PLACE, BAYSIDE, N.Y. 11360 • FAX 718-631-5117

800-442-4275



but if you change from indoor to outdoor recording or vice versa, you should reset it by switching to lock mode for at least 15 seconds. Ease of operation is very good to excellent.

Picture quality is good—about what we've been getting from most 8mm camcorders. The programmed AE modes work well, with especially good results in portrait mode. It would have been nice to have higher speeds available in sports mode, but this would require a compromise in depth of field. Audio quality is average for 8mm, and you can improve the sound by adding a good external mic.

We rate the CCD-TR61 good to very good overall. Casual video shooters should find its wide-angle adapter and programmed AE modes make shooting easier and more pleasurable. ■

CAMCORNER

continued from page 24

edit setup, it's usually not that accurate, and you can buy inexpensive LANC-compatible editing controllers that bypass the editing protocol on the recording VCR by utilizing infrared remote control.

We have to warn you, though—owning an editing VCR makes editing possible, but even with synchro edit, home editing with consumer gear is not an exact science. It tends to be tremendously rewarding, but also maddening and time-consuming. You'll need to go in with patience and some degree of serenity. If you've ever thrown a golf club in a lake or hyperventilated in a traffic jam, you may want to think twice. ■

TECH TIPS

Lighting for less

We're often in situations where camcorder lights are too weak, but the alternative—a large professional light kit—is expensive and bulky. We recently discovered a solution in the form of Philips Master halogen light bulbs.

The bulbs, about \$10 each, have a fairly high color temperature well-suited for video use. They come in 50- and 75-watt versions, and each is available in three patterns, from a 30-degree flood to a nine-degree spot. You can carry a complete selection for greater flexibility.

We placed each bulb in a clip light—a socket with a switch and a wire clip that lets you hang it almost anywhere.

We chose lights with wooden handles, which make it easy to adjust the light without burning your hands. The bulbs don't need reflectors, but we added small metal ones to protect the bulbs from impacts.

This doesn't offer the precision and flexibility of a pro light kit, but at two pounds and \$16 each, these lights are ideal for amateur videography.

—Brent Butterworth

Duct tape tip

Keep pieces of duct tape stuck on your tripod for easy access. You'll find them useful for many videography emergencies. They can stabilize lights, cables and anything else that won't stay put. They're also useful for securing the flimsy plastic locks on many cheap tripods.

Jody Urbati
Quincy, Massachusetts

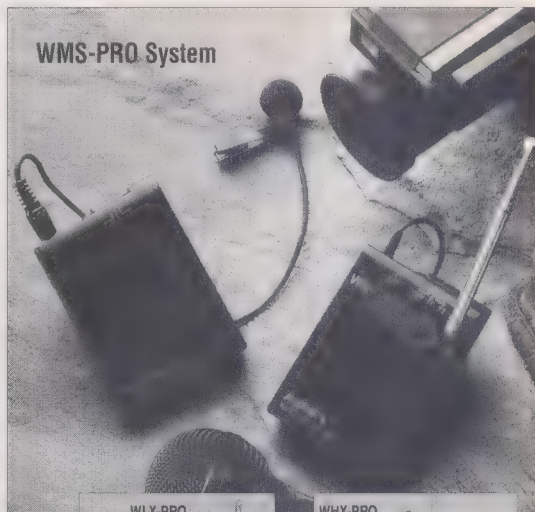
THE AZDEN "PRO" SERIES #1 IN WIRELESS MICROPHONES.

Since its introduction, our WMS-PRO VHF wireless mic has been the best-selling system to videographers. Our newly introduced WHX-PRO and WLX-PRO systems have become favorites among event videographers, as well as schools, churches, and most recently, karaoke. For features, performance and reliability, dollar for dollar Azden is the best!

All systems feature:

- Crystal-clear VHF performance
- Range of over 300 feet
- 2 switchable frequencies (169.445MHz & 170.245MHz).
- Miniature transmitter with belt clip
- Receiver, small enough to fit in your breast pocket, comes with shoe mount and velcro for camera mounting. Has telescoping swivel antenna.

WMS-PRO System



WMS-PRO

This best-selling system comes with 2 mics, a handheld, and a lapel mic. Choose the one you need for your application and plug it into the transmitter.

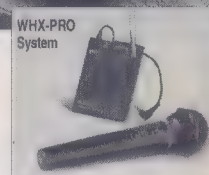


WR2-PRO Receiver

Now you can use 2 VHF wireless mics at the same time with this one receiver! Compatible with the Azden WM/T handheld and WL/T lapel mics.



Lapel microphone system. Same receiver as WMS-PRO.



A professional "wire-free" handheld microphone system. 3-position switch on mic includes "standby" position for quiet passing around. Has the same receiver as the WMS-PRO.

Write or call for 4-color full line literature

AZDEN®
QUALITY YOU CAN HEAR

147 New Hyde Park Rd., Franklin Square, NY 11010 (516) 328-7500 Distributed in Canada by GENTEC

HANDS-ON

continued from page 26

end). I really didn't need such a capable VCR as the AG-1960, since Thumbs Up couldn't use its five-pin jack or its insert editing capabilities. But for assemble edits, this combination worked great. Unfortunately, the only camcorders with RC time code are the V801 and its clones, and Sony's new CCD-VX3.

Thumbs Up offers another way to get time code onto recordings, even if your camcorder does not have RC: by making a copy of the original tape with SMPTE vertical interval time code (VITC). Adding VITC is quite easy—press two buttons, and run off a dub of the original tape. The time code is hidden in the video signal, and no extra picture deterioration was visible, except for the usual degradation when making a copy. (This wasn't the case with some past Videonics controllers.) This generation loss is the big drawback of using Thumbs Up to add time code.

With VITC, editing accuracy was excellent—usually within one or two frames, and never more than three frames off. But to achieve this accuracy,

I had to spend an hour calibrating the trim for the TR200/M-758 combination, to plus 14 frames at the beginning and minus five frames at the end.

VITC can also be added without going down a generation, by using a camcorder as a video camera, inserting the Thumbs Up (using batteries instead of the AC adapter) in the signal path as a VITC generator, and recording on another camcorder (with line input) or a VCR. But it's cumbersome.

A jack on the back of Thumbs Up connects to Videonics' TitleMaker, so the controller can trigger the titler to change pages automatically on cue. The title cues do not have to coincide with the edit points—for example, you can have a woman's face appear, then fade in her name for a few seconds, and then fade out.

With both the Thumbs Up and the TitleMaker in the video signal chain, a slight increase in visible picture noise is noticeable, compared with the Thumbs Up by itself, which looks very clean. When the TitleMaker superimposes over Thumbs Up's black generator, the signal gets very jittery, unless you simultaneously play a camcorder tape to serve as a video timing source.

Thumbs Up has a few significant limitations. First, it can't automatically edit tapes out of sequence. It holds up to 124 editing/titling events in memory, but you can't put something from the end of the original tape at the beginning of the edited tape without resorting to manual editing. Also, you can't select individual scenes to fade up or down—once you turn the fader on, every segment fades in and out. Again, using manual control, you can overcome this.

The controller can't perform automatic insert edits, even if your VCR can. But you can cue up an insert or an audio dub manually, and use Thumbs Up to start and stop the playback deck from pause. There are many unlabeled hidden functions—for example, you have to press the preview and thumbs up buttons simultaneously to record black. The cryptic onscreen display is filled with obscure, unlabeled number codes. There are two instruction books, which is confusing—the reference manual frequently refers back to the more basic instruction manual.

But overall, Thumbs Up is an excellent value—packed with sophisticated editing power, yet unimposing. We give it a hearty thumbs up. ■

FOR BETTER SOUND IN ALL YOUR VIDEOS... CHOOSE NADY!

NEW!



Nady 351 VR
Wireless Mic System

Nady always offers the best performance and price. We sell more wireless microphones than all other brands combined—proof of Nady's unsurpassed quality.

Now we're introducing more camcorder accessories to make your videos sound better than ever.

And every one of them is affordably priced.

See them at your Nady dealer today!



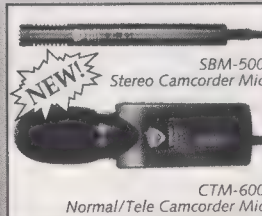
49 VR
Wireless Video Mic



151 VR
Wireless Video Microphone



MCM-400
Real Time Camcorder Audio Mixer



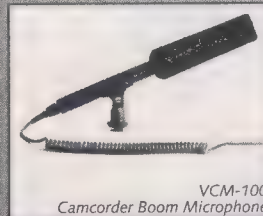
SBM-500
Stereo Camcorder Mic



AVM-300X
Stereo A/V Mixer with Video Fade



551 VR
Two Channel Wireless Video Mic



VCM-100
Camcorder Boom Microphone



VLM-770
Remote Powered Lavalier Mic



NADY SYSTEMS, INC.
6701 Bay Street
Emeryville, CA 94608
510/652-2411
Fax: 510/652-5075

The Best Performance and Price in Video Camcorder Accessories

32-INCH TV

continued from page 15

text against a black background at the top or bottom of the screen. The second caption channel is sometimes used for foreign-language captions.

The text channels produce a black background that fills about half the screen. In most cases, the text is unrelated to the program displayed. We tried the text channels in New York City and couldn't find much—only program listings. But, depending on your locale, you might find weather, news or stock market reports.

It takes a little work to get the CS32C80 up and running. The doors and shelf come unassembled, so you'll have to put them on with a screwdriver. After you connect the antenna or cable, you'll go through a period of learning all the options. Ease of use is very good, rather than excellent, because there are so many options to learn.

Picture quality measures very good to excellent. Except for speakers, TV sets are among the most difficult electronic components to judge, because picture quality is so subjective. At *Video Magazine*, our editors seldom share the same favorites, but everyone who saw this set liked it. The color is quite realistic, especially on fleshtones. It seems a bit more sedate and understated than some of our other favorites, like the Sony XBR² and the Panasonic Gao SuperFlat. The 25-inch Sony pro monitor we use as a reference puts many consumer sets to shame, but the CX32C80 held up quite well in a side-by-side comparison. However, we always recommend you evaluate the picture quality of a set yourself before you buy it.

Audio performance measures good to very good, but when we listened to the sound system, we realized its performance is better than the measurements indicate. The large cabinet makes it possible for the system to produce a very full, smooth sound. When engaged, the subwoofer increases frequency response by about 20 Hertz—the bass starts to fall off around 60 Hz, with audible response down to about 30 Hz.

Adding surround-sound modes to direct-view sets seldom makes much sense because the small speakers usually sound so tinny. But on the CX32C80, the DSP circuitry and above-average sound system nicely complement each other. We liked the theater and stadium modes best—they add a fairly realistic ambience.

If you're interested in a console TV, this one's well worth your attention. We rate it very good to excellent. ■

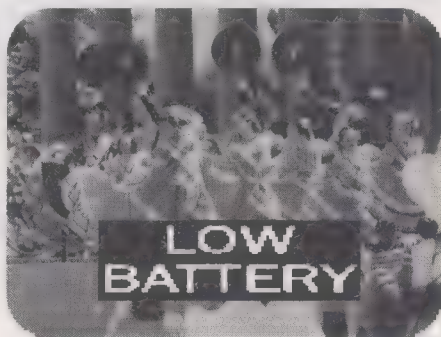
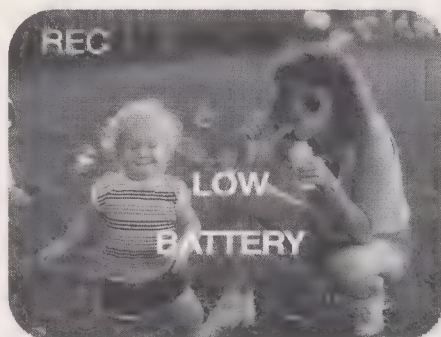
3-CCD CAMCORDER

continued from page 18

lens into the primary colors: red, green and blue. Each color of light travels to its own 270,000-pixel CCD. The result is purer image color and more accurate color encoding. Chroma (color) and luma (brightness) signals are never mixed, and the result (if you use the

S-video output) is strong, accurate color free of interference.

We are a little surprised that Panasonic chose S-VHS-C for its first consumer three-chip camcorder, because such cassettes are less robust than full-sized VHS ones. The tape can be mangled by the camcorder or the S-VHS-C adapter unless you handle the cassette carefully and remember to take up the slack before inserting one in the cam-



AMERICA'S SADDEST HOME VIDEOS

No matter how joyous the event, once the battery goes dead, the party's over.

That's the way it is with nickel-cadmium batteries. The more often you charge them before they're fully drained, the less capacity they have. It's due to a phenomenon called "memory."

Fortunately, our NoMEM™ Battery has no memory. You can re-charge it at any time and depend on a full charge every time. And it works with your current battery charger.

See your Lenmar dealer and ask about the NoMEM Battery. Instead of lost memories, you can look forward to many happy endings.

For the name of your nearest Lenmar dealer, and a catalog of our other Camcorder Performance Products call toll free: 800/424-2703



corder (or use one of the new cassettes with reel locks).

Panasonic wisely included digital image stabilization, which is a real boon with a small, light camcorder like this one. The stabilizer works well, especially on detailed, high-contrast subjects. On low-contrast subjects, it often doesn't activate. The correction of the stabilizer can be a bit jittery.

The camcorder has a wide range of digital effects to enhance in-camera production. There's a 2x digital zoom that extends the 10x optical range to 20x, plus still and strobe effects. A snapshot button lets you record a memorized still-frame for five seconds—you use it instead of the record button.

The wipe and mix modes both create a transition into a previously memorized still-frame. Just memorize the still, and while you're shooting, you can wipe the still into and out of the frame from the left, or mix (dissolve) it in. This is great for adding professional-looking titles—just grab a still-frame of a handwritten or typeset title, and dissolve it in and out. You can even grab a still of a scene as it ends and dissolve it into the next scene, but it takes dexterity and concentration.

There's also a widescreen mode that lets you produce a squeezed 4:3 picture. If you play this picture back on a 16:9 widescreen set, it will fill the screen completely. The same digital circuitry that creates these effects also performs noise reduction and timebase correction. The timebase corrector works well—it should facilitate exceptionally clean dubs when you use the AG-3 as a player. But it's not stable enough to feed a Video Toaster.

The AG-3 also has digital gain-up, selectable at 4x or 8x. It combines the light from several frames into one, so you get a brighter picture, but you also get a trailing strobe effect—it works fine on static shots, but on motion shots, it's useful mainly as a creative effect.

The camcorder has a full set of manual controls. A knurled wheel on the front of the camcorder controls iris setting (plus or minus six stops) and shutter speed. A button on the side of the camcorder switches the knob between the two functions. A rotary switch on the side selects between full auto, manual and shutter AE modes.

The latter is used to help you achieve a specific depth of field—the amount of the picture that is in focus.

With shutter AE engaged, a unique depth-of-field indicator appears in the LCD display on the top panel, along with iris setting and shutter speed displays. The depth-of-field meter is affected by both zoom and iris settings. The shutter has many more steps than usual, making it a precise exposure control.

The shutter AE mode also lets you use the low-light button, which boosts gain (and therefore brightness) by six decibels with one push, 12 dB with a second push. Although Panasonic cautions that using this switch can make the picture grainy, we didn't experience as much extra graininess as we expected. There's also an AE lock button in the center of the rotary selector switch, which lets you freeze the settings so the exposure of a subject doesn't change with panning and zooming.

A black/white balance button lets you access auto, indoor, outdoor and fluorescent modes. The last mode also works in twilight. Adjusting the white balance might throw you off because the viewfinder goes black for a second—it adjusts black balance before white balance. Manual focusing is smooth and accurate, because the AG-3 uses a power focus ring on the front of the lens, as do

The Easiest Home Video Editor Ever!

It's never been easier!



Press Thumbs Up to pick good video,



Thumbs Down for video you don't want.

The Thumbs Up™ editor records the good sections and leaves the bad behind—automatically!

- Works with virtually any VCR and camcorder.
- Compatible with Control-L (found on most 8-mm and Hi8 camcorders) and Panasonic 5-pin edit control for faster, automatic editing.
- Supports Sony-RC and VITC timecodes for superior accuracy.

Thumbs Up™



■ Remembers up to 62 scenes.

■ Battery-powered* and compact enough to travel with you.

■ S-Video connections for full compatibility with S-VHS or Hi8 equipment.

Thumbs Up—low cost and easy-to-use.

Call 1-800-338-EDIT for a brochure and the name of a dealer near you.



1370 Dell Avenue • Campbell, CA • 95008 • 408-866-8300

© 1992 Videonics, Inc. *Also includes an AC power adaptor. Specifications are subject to change without notice. Videonics logo and Thumbs Up are registered trademarks of Videonics, Inc. VHS is a trademark of JVC. Hi8 is a trademark of Sony.

many recent Sony camcorders. The autofocus works very well for a through-the-lens system—it's reasonably fast, but exceptionally stable.

The AG-3 has outputs for S-video, video and stereo audio, but no inputs, so it can't be used for recording from another video source. It has jacks for headphones and an external microphone. There's also a jack labeled "new edit," which is a new version of the Panasonic five-pin editing jack. It's different from the jack on the AG-1970 VCR. It wouldn't work with the Future Video edit controller we tried. Panasonic says the jack is compatible with some of the functions of the AG-A96 controller, and that it will eventually produce a controller compatible with the new edit jack.

A switch on the right side converts the stereo mic into a zoom mic, so that the pickup pattern gets tighter as you zoom in. It works quite well—you'll probably want to leave this switch on most of the time. The AG-3 records stereo hi-fi and mono linear track audio, but only plays the hi-fi tracks.

The camcorder is comfortable to hold and use. As you might expect, it's noticeably heavier than other subcompacts, but it's well-balanced. Its color LCD viewfinder may be the best we've seen—it's sharp enough to let you achieve clear focus, and the color is fairly accurate. Ease of use is very good.

Audio quality is good to very good, and picture quality is very good to excellent. The color is well-saturated and very accurate, and the picture is unusually detailed for S-VHS-C. The digital effects degrade the picture only slightly—not nearly as much as most camcorders with digital effects. Most of these camcorders display an unnatural-looking picture that almost seems to have translucent worms crawling all over it. However, the AG-3 is refreshingly free of this "digital grunge."

Unfortunately, you pay a price for the AG-3's good color. Since the light through the lens must be divided between three sensors, low-light performance drops. We measured it for our standard of 50 IRE units at 34 lux in normal mode, and 7.6 lux with 8x gain-up and the low-light button set for a 12-dB boost. In rooms lit with only a few lamps, you may have to live with the strobe effect from the gain-up.

The picture doesn't quite match that of Sony's CCD-VX3 (see "The Missing Link," March '93), probably because Sony's three-chip sensor uses CCDs with 50 percent more resolution. However, the VX3 is \$500 more expensive and lacks the AG-3's versatile digital effects. Although they're very different camcorders, we suspect your choice will boil down to format. ■

AUTHORIZED!



SONY
HANDYCAM
CAMCORDERS

SONY
Canon
JVC

bogen
Nikon

HITACHI
VIDEOINICS

YASHICA



TOOLS OF THE TRADE

50 Years
in
Business

HITACHI
VM-H39A



Panasonic

SHARP

RICOH

MINOLTA

AZDEN

SUNPAK

FUJIX-8

RCA

simon

Berger Bros. Camera and Video Exchange specializes in both Photographic and Video Equipment. We carry the **Largest Selection** of Camcorders and Accessories in stock and at the lowest prices. We'll help you make the right choice over the phone, that's why we can offer a **full money back guarantee**. We could list all of our Equipment in our ads like everyone else...but we call that our 192-page Catalog.

1-800-262-4160

We Compete With Any Legitimate Price & We Ship Anywhere
When Tomorrow Won't Do. Call Us Today.

BERGER BROS.

CAMERA & VIDEO EXCHANGE

(516)-264-4160 • FAX (516)-264-1007

209 BROADWAY (ROUTE 110) AMITYVILLE, N.Y. 11701

Circle 15 on Reader Service Card.

Listen Privately to TV without disturbing others . . .

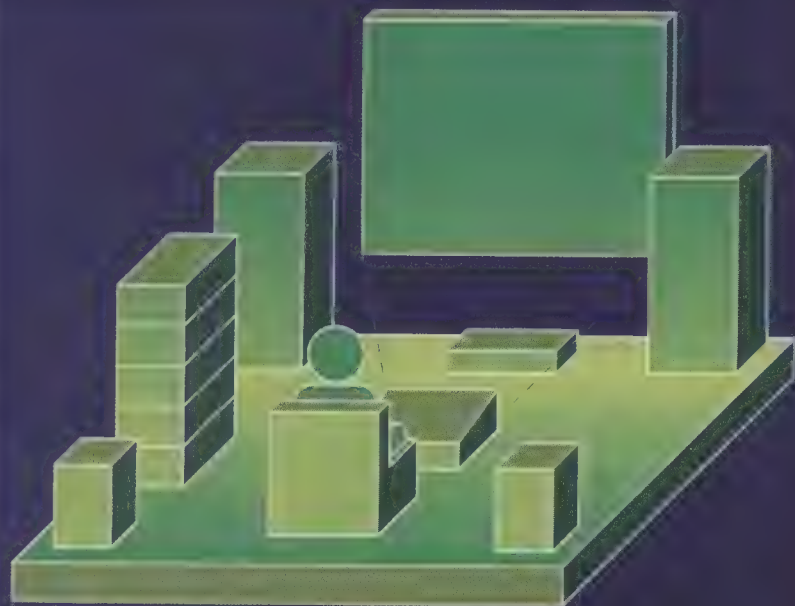
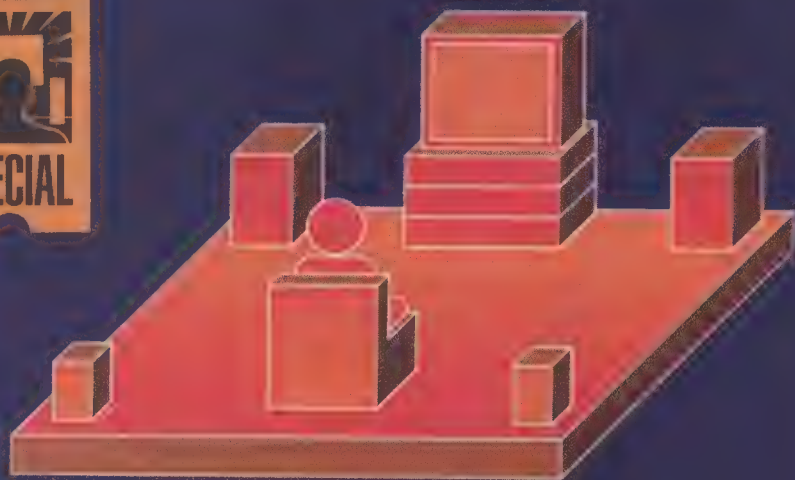
New **CH1000 Infrasond - Twin Power** cordless headset lets you enjoy TV as loud as you like without disturbing others. AC-powered transmitter-base connects easily to any TV or audio device. Lightweight battery-powered headset provides maximum listening comfort and full frequency response. Individual left-right volume controls on headset let you adjust the sound perfectly without getting up. Transmitter turns on/off automatically with your TV.

INFRA SOUND - Twin Power is ideal for adults and kids, as well as the hearing impaired.



ARKON RESOURCES, INC.
Arcadia, California, U.S.A.

1-800-841-0884 FAX 818-303-6157



BY LAWRENCE B. JOHNSON

ALL

Three ways to launch your ideal home theater.

In that bygone era when a TV was simply a TV—a glowing screen unconnected to VCRs, speakers, receivers and the like—friends used to ask me how much they'd need to spend to assemble a good sound system. My answer was about \$1,500. Today's buzz phrase, home theater, refers to audio *and* video, and the ante has gone up. But so has the pleasure.

You can assemble a rewarding entry-level home theater system for about \$3,000, and we're going to show you how to do it. We're also going to show you ways to double the bet, then double it again by assembling top-notch home theater systems for around \$6,000 and \$12,000. Each of our three systems—and variations with alternative components—will include a home theater's essential elements, by which we mean a video monitor, five channels of amplified power, a surround-sound speaker package, Dolby Pro-Logic processing, a laser-disc player and a hi-fi VCR.

What has made it possible to create an effective home theater plan for as little as \$3,000 is the audio/video receiver. System amplification, Dolby processing and component switching are all accomplished neatly and effectively within this one economical black box. That's why, with one exception, all our options are receiver-based. Until you get into some heavyweight power requirements, which entail hefty budgets, there's simply no need for a separate processor and a cluster of amplifiers.

While our recommendations are specific, they're intended also to demonstrate the types of components and the

ILLUSTRATIONS: ELIOT BERGMAN

SYSTEMS GO

variety of models suitable for home theaters. Audio/video showrooms are rich with alternatives in every category, and for most budgets. You'll also note we've apparently run over our own budget targets. Actually, we haven't. The prices cited are the "list" prices manufacturers suggest, not the discounted "street" prices available to virtually all shoppers, especially in package deals.

SYSTEM 1: \$3,000 THE PRICE IS RIGHT

We're going to start with the least

costly of our systems. Opinions differ on the best way to divide a budget, but for my money the visual impact of any home theater begins with a big TV picture—I recommend at least 31 inches. A high-performance monitor/receiver, like JVC's AV-31BP3 with its fine detail and natural colors, marks an experiential leap beyond the boundaries of 27-inch television. Once you commit to this kind of visual grandeur—investing, in this case, about half your budget at retail—you're ready to shape the rest of the system.

I don't know whether technology is trickling down or welling up, but either way what's happening is good news for anyone fashioning a home theater on a tight budget. Take Technics' SA-GX550 audio/video receiver. It's an exemplary value at \$400. The Dolby Pro-Logic and video switching circuits are complemented by enough power to drive a full array of surround speakers: 75 watts to the front stereo pair and center channel plus 30 watts (times two) to the rear.

Add two pairs of PSB's little

Basic Instincts: RCA's 31-inch F31226ES television atop optional stand and Pioneer's CLD-S201 laserdisc player.

Alpha bookshelf speakers, with the companion 100C center-channel speaker, and you'll have a responsive sound package that satisfies economies of space as well as means. The Alphas should please your ears, too. At the price—about \$550 for PSB's theater suite—they're virtually in a class by themselves.



Switching Solution: Technics' SA-GX550 is an affordable receiver that combines Dolby Pro-Logic with plenty of wattage.

These mighty mites are beautiful. They can deliver a reasonable likeness of Arnold Schwarzenegger's motorcycle roaring in pursuit of the evil android in *Terminator 2*, as well as every range of the human voice, up through the highest audible registers of music. You may want to add a subwoofer sometime in the future. Indeed, PSB designer Paul Barton says he's working on one. On the other hand, apartment dwellers might be well advised not to push their luck.

For source components, our number-one choice is a laserdisc player. You can get all sorts of features on today's players, but the one you'll use after the gimmick value wears off is automatic second-side play. However, this comes at a fairly steep price. For good basic performance, with single-side play, I like Pioneer's CLD-S201, a new model with a dedicated CD drawer that pops out of the front panel independently of the larger laserdisc tray.

Basic service will suffice as well for a VCR—provided it includes hi-fi performance. Full-frequency sound is critical to enjoying movies at home. As a matter of fact, videotape is a superb medium for recording music. A hi-fi VCR can ap-





SYSTEMS

Slim and Sleek: Sony's KPR-41EXR95 is among the slimmest rear projectors, while Denon's AVR-2000 A/V receiver has plenty of head room for power-gulping sound effects.

component, not television. When looking at a TV image in a store, turn the sound off, which is how I evaluate TV sets. The audio will come from your hi-fi system, and no built-in TV sound can touch that.

Onkyo's TX-SV515PRO makes an appealing alternative receiver. Onkyo's A/V

receiver series is outstanding. Although the power output of the TX-SV515PRO is rated at a modest 55 watts per channel across the front and 20-by-two in the rear, it's more

than ample for the PSB speakers, which I would not change. For a second VCR option, check out Sony's SLV-595HF. It's a ruggedly built hi-fi deck with a slick remote.

proach CD-quality sound. Prices for hi-fi decks start at around \$500, retail. Toshiba's M642 delivers an excellent picture and offers the bonus of front audio/video jacks for connecting a camcorder.

SYSTEM 1 VARIATION

Several other 31-inch video monitors would also work well in this system, notably RCA's F31226ES. As you shop, focus on picture quality. Think video

SYSTEM 2: TURNING UP THE VOLUME

A larger bankroll, at the \$6,000 level, means you can wrap yourself up in a bigger picture. But another kind of im-

mersion is equally important: deep bass with real firepower. While home theater buffs talk a lot about refinements in Dolby Pro-Logic, it's axiomatic inside the industry that the home theater experience is ultimately about rib-rocking bass. That's what makes you feel like you're in the middle of the action, whether dodging falling beams in *Backdraft* or surviving blasts from Imperial starfighters in *Return of the Jedi*.

Bass Cube: DCM's SUB-712 subwoofer adds power and, for \$699, good value to a home theater.



THREE SYSTEMS FOR THREE BUDGETS

The systems in the accompanying article include a variety of components. Here's a cost breakdown of each system and its variation. All the totals are well within the discounts commonly offered by audio/video dealers.

SYSTEM 1: THE PRICE IS RIGHT

● JVC AV-31BP3 31-inch direct-view TV	\$1,600
● Technics SA-GX550 A/V receiver	\$400
● Pioneer CLD-S201 laserdisc player	\$535
● Toshiba M642 VHS VCR	\$500
● PSB Alpha speakers, two pairs	\$400
● PSB 100C center-channel speaker	\$150
Total:	\$3,585

SYSTEM 1 VARIATION

● RCA F31226ES 31-inch direct-view TV	\$1,399
● Onkyo TX-SV515PRO A/V receiver	\$500
● Sony SLV-595HF VHS VCR	\$599
● Same laserdisc player & speakers as above	\$1,185
Total:	\$3,683

SYSTEM 2: TURNING UP THE VOLUME

● Mitsubishi CS-35MX1 35-inch direct-view TV	\$2,200
● Denon AVR-2000 A/V receiver	\$850
● Panasonic LX-600 laserdisc player	\$800
● RCA VR667HF VHS VCR	\$549
● Video Acoustics speakers	\$2,000
Total:	\$6,399

SYSTEM 2 VARIATION

● Sony KPR-41EXR95 41-inch rear-projection TV	\$2,799
● Same receiver, laserdisc player and VCR as above	\$2,199
● DCM TF-400 TimeFrame speakers, one pair	\$570
● DCM CX07 bookshelf speakers, one pair	\$250
● DCM CX07 center-channel speaker	\$125
● DCM SUB-712 subwoofer	\$699
Total:	\$6,642

SYSTEM 3: SOMETHING WILD

● Pulsar Prodigy Excel front projector	\$6,700
● Da-Lite Design Da-Tab Electrol screen	\$2,163

● Yamaha RX-V1070 A/V receiver	\$1,299
● Pioneer CLD-D502 laserdisc player	\$760
● Mitsubishi HS-U67 S-VHS VCR	\$999
● Acoustic Research Model 4.5 speakers, one pair	\$800
● Acoustic Research M.5 speakers, one pair	\$219
● Acoustic Research MC.1 center speaker	\$159
Total:	\$13,099

SYSTEM 3 VARIATION

● Pioneer Elite ProIC6 55-inch rear-proj. TV	\$4,500
● Kenwood KC-X1 THX controller tuner	\$999
● Kenwood KM-X1 THX amplifier	\$899
● Altec Lansing THX AHT2200 front speakers, one pair	\$600
● Altec Lansing THX AHT2200 center-channel speaker	\$300
● Altec Lansing THX AHT2100 surround speakers, one pair	\$900
● Altec Lansing THX AHT2300 subwoofer	\$1,200
● Marantz LV-500 laserdisc player	\$799
● Same VCR as above	\$999
● Acoustic Research M6 auxiliary speakers	\$1,200
Total:	\$12,396



Front-Channel Punch: DCM's TF-400 TimeFrame speakers are its smallest floor-standing models.

and it lies at the heart of the home theater experience.

Our path to achieving it begins with the rigorously designed high-current amplifiers in Denon's AVR-2000 receiver. Although its power rating of 80 watts per channel across the front, plus 20 per side in the rear, may not seem gargantuan on paper, Denon has provided ample "head room" for instantaneous, power-gulping demands.

This brings us to speakers, and a system that impresses me as a double-edged breakthrough in surround-sound design and cost effectiveness: the Video

Acoustics array from Thomson Electronics, the folks who make RCA TV sets. The \$2,000 package begins with smallish bookshelf speakers for front stereo, augmented by a subwoofer that fires from adjacent surfaces of the enclosure for optimal dispersion. A center channel likewise fans its audio so the dialog sounds focused from any seat in the room. A unified rear-channel enclosure fires upward and to the sides to achieve effective ambient sound.

My choice for a video monitor is Mitsubishi's CS-35MX1, a 35-inch direct-view set that brings stunning resolution to a grand image. At \$2,200, it's an attractive value. The price also marks the point at which rear projector sets, with larger screen sizes, become available. This gives you a clear choice between direct-view and projection.

Whatever option you choose, base your purchase strictly on picture quality. Just as TV sound is irrelevant in planning a home theater, so are rear-panel "jack packs." The only A/V line you're going to connect to that TV is a single thin strand of

video cable from the receiver's monitor output. All your source components will patch directly into the receiver.

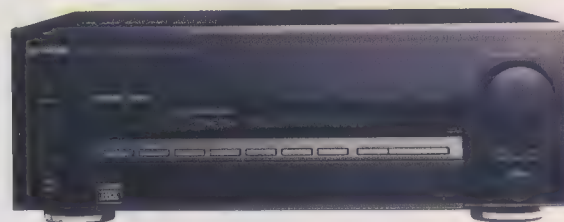
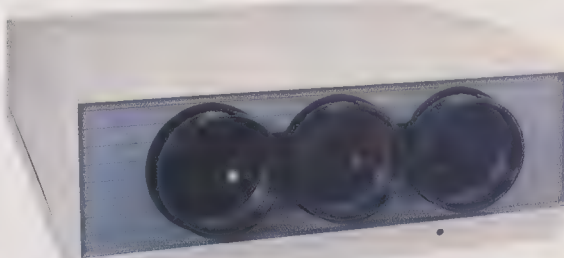
My vote for a laserdisc player in this system goes to Panasonic's LX-600. At \$800, it's the least expensive model with automatic second-side play. Among moderately priced VCRs, the RCA VR667HF offers the bonus of elegance with a first-rate image and hi-fi sound.

SYSTEM 2 VARIATION

To broaden our choices, let's go back and explore the television road not

No television sound system can evoke these sensations. Apart from lacking the heavy-duty bass speakers needed to get the job done, the modest amplifiers built into TV sets simply cannot muster the horsepower demanded to project extremely low frequencies, undistorted, at high volumes. Hi-fi buffs call this sound-pressure level,

When the Music Swells: AR's M6 speakers offer a satisfying home theater option for music lovers.



Going for Broke: Pulsar's Prodigy Excel projector (top), Kenwood's KC-X1 THX processor (center) and Altec Lansing's AHT2300 subwoofer, part of its \$3,000 THX speaker array.

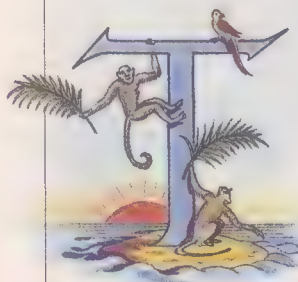
taken, and trade our direct-view monitor for a rear-screen projector. Here, Sony's slim-line 41-inch KPR-41EXR95 is among the most appealing and practical

continued on page 94

DESERT ISLAND DISCS



*Six seafaring critics
pick their top titles for
shipwrecked viewers.*



Pacific to ease the stillness. You're alone, shipwrecked on a lush desert island. Lucky for you, your state-of-the-art home theater and solar generator have also washed ashore. You look into your

he sun beats down on a shell-studded beach, with only a cool breeze from the

waterproof carry-all, wishing you'd had room for more than three of your favorite laserdiscs. Which titles would you hope to find? And will they sustain you until that message in a bottle reaches the distant shore?

Sure, this predicament doesn't happen every day. But it sets the stage for our first-ever look at the laser software we simply can't live without—the Desert Island Discs. We asked six *Video*

Magazine editors and contributors—laser fanatics all—to choose three titles they revere above all others for content, disc quality and repeatability. We also asked each to name five runners-up. Their highly personal choices, presented below in order of preference, are guaranteed to show even land-locked home theaters to their best advantage.



KENNETH KORMAN,
Senior Editor

North by Northwest (MGM/UA). No matter how many times you see it, Hitchcock's greatest comic thriller never loses its satiric edge or breathtaking visual style. MGM's laser edition preserves the vivid Technicolor hues and original VistaVision aspect ratio, and offers bonuses like an exclusive stereo soundtrack, the theatrical trailer and a CAV-format finale. This package deftly reaffirms *North by Northwest* as the most entertaining movie ever made.

Sullivan's Travels (MCA/Universal). The cinematic equivalents of great Cole Porter tunes, Preston Sturges' best movies are as witty and sharp as anything that ever came out of Hollywood's golden age. *Sullivan's Travels* balances uproarious comedy with a social conscience that's still relevant 52 years after the film's premiere. The first time the phrase "written and directed by..." ever appeared on a film, it was followed by the name Preston Sturges, and this, his masterpiece, shows how he earned that privilege.

Andres Segovia: The Song of the Guitar (Teldec). Shot in 1976, this graceful, bittersweet film captures the spirit of one of the century's great artists in the twilight of his career. Segovia's

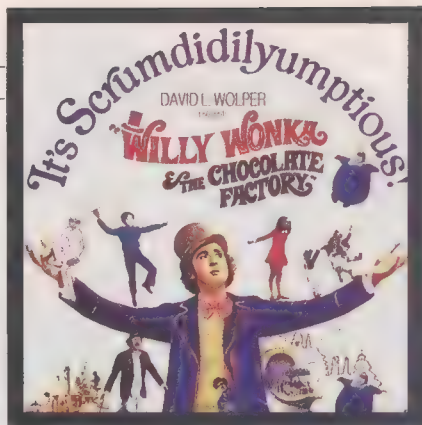
musings on his life, art and extraordinary gift are intercut with passionate performances of his signature tunes. And it all takes place in the most beautiful and appropriate setting imaginable—Spain's Palace of the Alhambra, where as a boy, Segovia first opened his eyes "to the beauty of nature and art."

RUNNERS-UP:

Lawrence of Arabia (Criterion)
Apocalypse Now (Paramount)
West Side Story (MGM/UA)
The Right Stuff (Warner)
Great National Parks: Yosemite, Grand Canyon, Yellowstone (Lumivision)

APRIL P. BERNARD,
 Assistant Editor

Willy Wonka & the Chocolate Factory (Warner). With colors as rich as a Scrumdillyumptious bar of chocolate, this disc—complete with blueberries, golden tickets and Violet Beauregarde—is a feast for the eyes. Though its silliness and plot would seem to label it



"kidvid," the twisted humor and Gene Wilder's just-this-side-of-sanity performance as the title character make *Willy Wonka* a fantasy from which grown-ups can get more than a few wicked chuckles.

The Commitments (FoxVideo). The world's hardest working (fictional) band also produces some of the most instantly compelling music on disc. As a not-so-cohesive group "bringing soul to the people," these Dubliners scrap off stage only to suddenly make magic once they're on, with "Try a Little Tenderness" and more. The film itself is engagingly watchable—and also wonderfully listenable, thanks to the chapters encoded for each song.

The Women (MGM/UA). A winner for sheer repeatability, *The Women's* two-hour catfight still seems fresh after

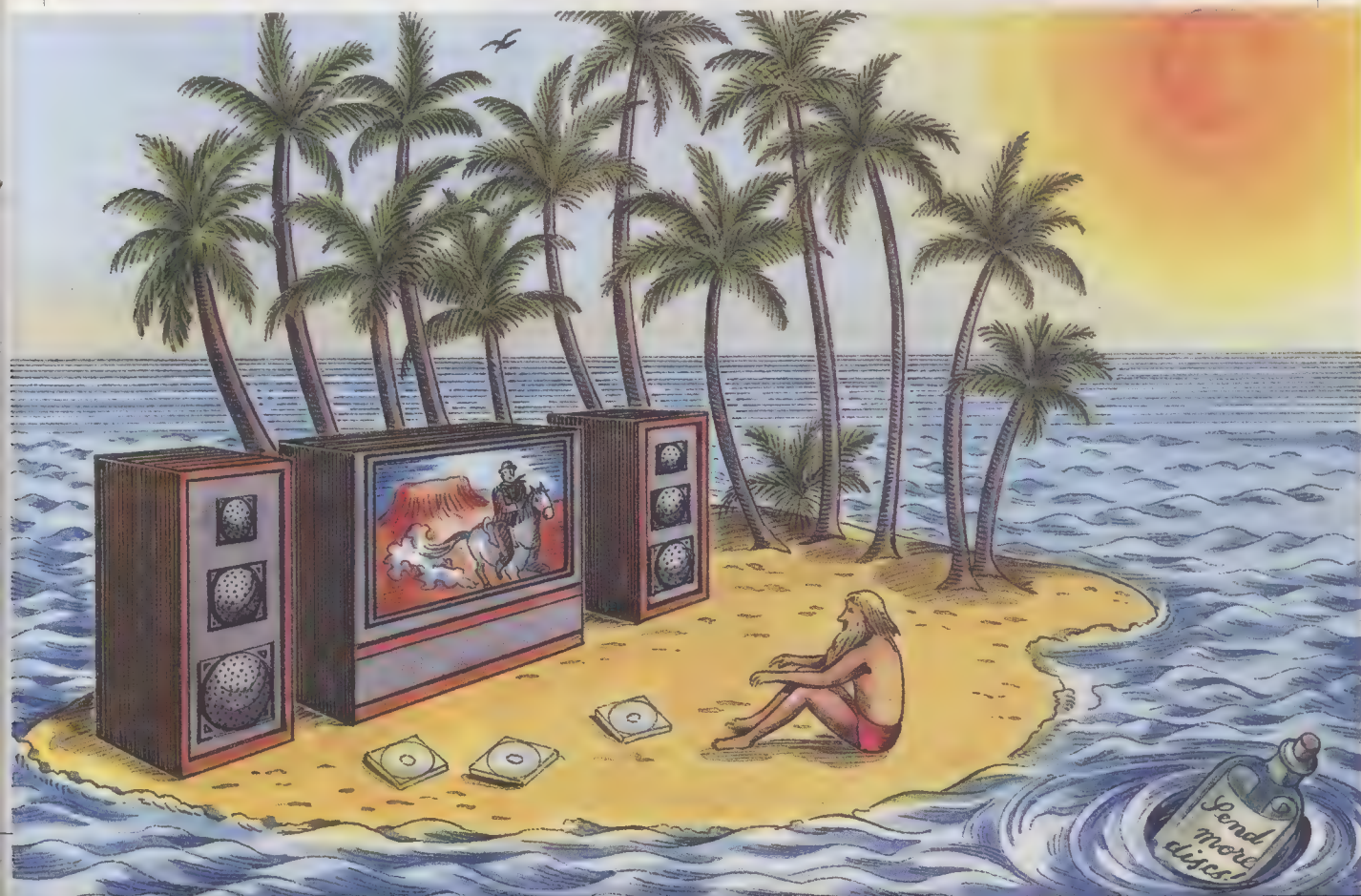
numerous viewings, and the crisp black-and-white picture that suddenly blooms into Technicolor for one segment always pleases. What makes the George Cukor film such a delight, though, is *The Women's* all-female cast: Norma Shearer, Joan Crawford, Rosalind Russell, Paulette Goddard and the hilarious Mary Boland, as a much-married duchess who lapses into French when distressed. Oh, l'amour, l'amour...

RUNNERS-UP:

The Busby Berkeley Disc (MGM/UA)
Seven Brides for Seven Brothers (MGM/UA)
Notorious (Criterion)
A Room With a View (CBS/Fox)
Jaws (MCA/Universal)

STEVE DALY,
 Contributing Editor

Beauty and the Beast: Work in Progress (Walt Disney). For picture quality, no laserdisc can equal projected
continued on page 100



RECEIVER ROULETTE

Nine top A/V receivers roll for top honors in a hands-on home theater shootout.

BY BRENT BUTTERWORTH

Home theater is the hottest thing going in consumer electronics. And for most people, the key to a hot home theater is a hot audio/video receiver. That's no surprise. With five amplifiers, a preamp, a Dolby Pro-Logic decoder and an A/V switcher built in, an A/V receiver is the soul of convenience and affordability. Add a big-screen TV, a hi-fi VCR and a comfortable couch, and you're set.

On the surface, A/V receivers look pretty similar. But if you look closer, you'll find more buttons, jacks and menu options than you've probably ever seen on an electronic component. Today's A/V receivers are so laden with features, it takes days to learn them all. On top of that, product literature and buyer's guides throw pages of specifications at you, yet seldom explain the sonic or ergonomic benefits implied by the numbers. With A/V receivers priced from \$400 to \$2,000, it can be a confusing situation for the consumer.

At *Video Magazine*, we're lucky enough to have high-end components like a \$3,000 Lexicon CP-3 decoder and a stack of Marantz THX amps to

use when we set up a home theater. But we've been amazed to find we're almost as happy with the sound of a good \$500 receiver. Two years ago, we tried three inexpensive A/V receivers ("Breaking the Surround Barrier," Nov. '91) and found them all acceptable, within limitations, but that experience left us wondering what an extra \$700 or so could buy. Senior editor Kenneth Korman and I decided to find out.

We rounded up six receivers in the \$1,000 to \$1,300 price range—Carver's \$1,249 HR-895, Denon's \$1,300 AVR-3000, Harman-Kardon's \$1,049 AVR30, Marantz's \$1,100 SR-92, Nakamichi's \$1,200 AV-1 and Yamaha's \$1,299 RX-V1070—and tried them with an eclectic collection of laserdiscs and CDs. We also tried two receivers and one integrated amplifier with even higher price tags to find out just how good an A/V receiver can get (see "Electronic Elite: Three High-End Options"). Finally, we compared the receivers to a leading \$500 model, Onkyo's TX-SV515PRO, to see if doubling the price gets you double the performance.

Most of these receivers have similar specifications—about 80 to 110 watts in the front three channels, and 20 to 40 in the rear. But this doesn't mean they all sound alike. Cramming all the components into such a compact chassis takes a lot of skill. It's tough to do without creating performance problems in one or more sections. Given the widely varying

circuit designs in these devices, it's only natural to expect sonic differences. And of course, most manufacturers claim their products are sonically superior to their competitors'.

We conducted separate listening tests to evaluate the receivers' performance on two-channel music, music surround and Dolby Pro-Logic movie sound. During these tests, we thoroughly checked out the receivers' features, and learned (the hard way) about their operational anomalies. In this article, we'll comment on the features we thought most im-

portant. However, we strongly suggest you make sure any receiver you plan to buy has the features you need. What's important to us might not matter to you, and vice versa—especially regarding radio reception, which is dicey in our New York City office.

For movie sound, we set levels using the LucasArts THX Wow demo disc. In our 5,500-cubic-foot home theater room, achieving THX-specified levels (peak sound pressure level of 105 decibels) can be quite a chore for a receiver. Some handled the job easily, but some struggled. If your room is fairly small, or you never intend to pump up the volume, all the receivers we tried should produce the volume you need without distortion.

It's always difficult for us to give advice about audio electronics because there's so much disagreement about them. Most people consider the differences among electronic components subtle at most and in many cases inconsequential. We disagree. We consider such differences important, but keep in mind that the \$1,800 main speakers we used for this test are far more revealing than the less-expensive speakers most people own. If you own a very good pair of audiophile speakers and are picky about sound, the sonic differences between these receivers will be important to you. But if your home theater goals and tastes are more modest, you'll probably be happy with the two-channel music and Pro-Logic movie sound of any of these units.

H-O-M-E
THEATER
SPECIAL

THE CARVER HR-895 AND THE MARANTZ SR-92

These two receivers look very different at first glance, but upon closer inspection, we noticed their control and jack layouts are virtually identical. Surprisingly, the Marantz remote operates the Carver receiver, and vice versa. Carver justifies its \$149 higher price by including a multiroom remote infrared receiver, which is a \$99 option on the Marantz.

The remote IR receiver relays remote control commands from another room to the receiver. The receiver has speaker connections that let it power a set of speakers in the second room—you can listen to different sources in different rooms. This works fine if you're only using the tuner in the second room, but to control other devices, they must be of the same brand as the receiver. The Carver and the multiroom option for the Marantz both come with a simplified credit-card-size remote for the second room.

There's another slight difference—the Carver offers Sonic Holography circuitry, which slightly widens the soundstage and boosts the midrange. The Marantz instead offers a bass boost button. The Carver also has an ACCD circuit designed to improve FM reception.

Both pumped out fine Pro-Logic sound, with plenty of power. The sound is detailed and natural, as you'd expect from such straightforward designs. Both have a simulated surround mode that works acceptably on mono movies—it's nice for old war flicks like *Sergeant York*. Both have matrix and hall music surround modes which sounded okay, but didn't really appeal to us. Despite the receivers' similarities, the Carver sounds a bit better on two-channel music than the Marantz—it's smoother and better balanced, while the Marantz has a trace of glare in the midrange.

We had two problems using these receivers. First, the buttons on the remotes are all the same size, and the labels don't stand out in the dark—it's

Tower of Power: From the top—Nakamichi's \$1,200 AV-1, Yamaha's \$1,299 RX-V1070, Denon's \$1,300 AVR-3000, Harmon-Kardon's \$1,049 AVR-30, Carver's \$1,249 HR-895 and Marantz's \$1,100 SR-92.



PHOTOS: LES MORSILLO

Electronic Elite: Three High-End Options

BY
KENNETH
KORMAN

Power Trio:

Mitsubishi's \$1,699
HTS-300 receiver
(top), Yamaha's
\$1,999 DSP-A2070
integrated amplifier
(center) and Onkyo's
\$1,800 TX-
SV909PRO receiver
(bottom).



Recent developments in home theater audio have not only brought top performance to midpriced A/V receivers, but led to the creation of a new breed of no-holds-barred, top-of-the-line machines with unprecedented features and performance levels. We decided to put three new models through their paces: Yamaha's DSP-A2070 (\$1,999), Onkyo's TX-SV909PRO (\$1,800) and Mitsubishi's HTS-300 (\$1,699).

All three provide basic A/V functions—video switching, multichannel amplification and Dolby Pro-Logic processing—plus high-end features like elaborate on-screen menus, programmable universal remotes and generous amounts of power. While the Onkyo and Mitsubishi are A/V receivers, the Yamaha must be classified as an A/V integrated amp because it lacks an AM/FM tuner—you'll have to add a separate tuner to listen to radio broadcasts.

Yamaha's DSP-A2070 is intended to showcase the company's pioneering work in digital signal processing (DSP). Its 11 cinema DSP modes tailor the sound for various types of video programs—modes include "70mm Adventure" and "TV Variety/Sports"—while 12 audio DSP modes recreate the unique sonic characteristics of specific venues, such as New York's Village Gate jazz club. Amplification and speaker-level outputs for two "front effects" channels—beyond the five channels normally used with Pro-Logic and DSP enhancements—are provided to help achieve these aims. (The extra speakers should be mounted near the ceiling, behind the main speakers.) The Yamaha's onscreen menu system accesses from five to nine parameters for each DSP mode to allow fine-tuning of the sound. It has output jacks for a monitor in another room, but unlike the Onkyo and the Mitsubishi, no special multiroom capabilities.

The 2070 performed admirably throughout our listening tests. Its tonal balance in the standard two-channel stereo mode immediately placed it above the mid-priced receivers we tested (see accompanying story). We also appreciated its solid Pro-Logic sound. But this unit's main selling points obviously lie in the DSP arena. No other A/V receiver we've seen provides such detailed control over multichannel sound for music and movies—tinkerers will regard the 2070 as a real find. We aren't sold on the need for seven-channel configurations, but no matter: The Yamaha's DSP modes also

shine in a standard five-channel setup.

Unlike the other two high-end units we tested, the Yamaha allows direct access to all multichannel modes through the remote control without scrolling through all the selections. And we loved the 2070's look and feel—almost all the front-panel controls are hidden behind a

continued on page 62

RECEIVER



Remote Rights and Wrongs: Mitsubishi's HTS-300 remote (top) offers backlighting and large, easy-to-use buttons. The Marantz SR-92 remote (above, left) presents a confusing array of same-size buttons, while the Yamaha DSP-A2070 remote (above, right) uses bright colors and varied shapes to differentiate buttons.

difficult to operate the remotes by feel. Second, neither has an automatic input level control for Pro-Logic. A tiny peak level indicator on the front helps you set the proper level, but if you set it incorrectly, you'll get atrocious distortion in the rear speakers. Either receiver, however, is a good buy.

THE DENON AVR-3000

The Denon AVR-3000 is a step up in sophistication from the Carver and
continued on page 64

NO

HOURS: CST
MON - FRI
9AM-9PM
SAT
11AM-5PM

Since 1982
ComputAbility
Consumer Electronics



P.O. Box 17882
Milwaukee, WI 53217

NO

NO Extra Charge For Delivery* • NO Extra Charge For U.S. Warranty • NO Surcharge For Credit Cards
• NO Extra Charge For Insurance (* Camcorders and VCRs Only)

SPECIAL**Canon****PURCHASE****UCS2 Hi8**Hi-Fi
Stereo**UCS3 Hi8**ADVANCED
DIGITAL
EFFECTS**AUTHORIZED DEALER**

Canon JVC
TOSHIBA RICOH

**Panasonic****SONY****MINOLTA PHILIPS***Professional Video & Industrial . . .*

SONY JVC
Panasonic
Broadcast & Television Systems

NEW • NEW • NEW**IMAGE STABILIZATION
CAMCORDERS****MINOLTA**8-848
Hi8

DIGITAL 64X ZOOM

JVCGR-SZ1U
SVHS

BUILT IN WIDE ANGLE

Panasonic

PV-42

VHS



COLOR DIGITAL FADE

RICOH

R-18H Hi8



SAME AS SONY TR101

NEW!**NEWEST
CAMCORDER****SONY EVO-150TR**

Same as TR-101 with additional features

Panasonic

WJ-AVE5

CALL!

- Built-in Digital Synchronizer
- Superimpose • Fade-in/Fade-out • Audio Mixing
- 98 Wipe Patterns • Picture-in-Picture
- Joystick Image Positioner • Digital Special Effects

**NEW
PRODUCT**

1993 MODELS

• TV •**CALL FOR PRICING !!****SPECIAL PURCHASES****PROFESSIONAL & DESKTOP VIDEO****SONY****SONY RECORDING MEDIA****SALE!**Case Price
Sale!**KODAK**PCD 270
PCD 870
PCD 5870**NEW!****JAMICO**Video Title Writer
V-6350**LASER DISC
PLAYERS**

PIONEER
LaserKaraoke
Panasonic

JVC*Full Line Hi-Fi Dealer:*

- A/V Receivers
- CD Players
- Cassette Decks

SONY**Hi8 EDITING VCR's**

EVO-9500A / EVO-9700 CALL!

CAMERAS

DXC-107 / DXC-151 CALL!

3-Chip Camera
"RGB IMAGE CAPTURE"

DXC-930 Video Camera CALL!

MONITORSComposite/RGB/Y-C
NTSC/PAL/SECAM

GVM-1311Q, 13" CALL!

GVM-1316TS, 13" touch screen CALL!

GVM-2020, 20" CALL!

LASER DISC PLAYERS

MDP-1150 with RS 232 CALL!

Panasonic**AUDIO/VIDEO MIXERS**

WJ-AVE3

WJ-AVE-5

CALL!

WJ-MX12

WJ-MX50

EDITING VCR'S

AG-1970

AG-5700

CALL!

AG-7650

AG-7750

MONITORS

without tuner

CT-1383Y

CT-2083Y

with tuner
& remote

CT-1383VY

CT-2083VY

VIDEO/COMPUTER INTERFACE

Sony CI-1000 VBox CALL!

Hi-8 COMPUTER VIDEO DECK

Sony CVD 1000 VDeck CALL!

FutureVideo**SPECIAL PACKAGE:**

- 2 - Panasonic AG-1970 VCR's
- 1 - Future Video Pro Mark II
with RS-232 interface
- 2 - Serial Remote 5 Pin Cables

MOTOROLA

Bravo Express

"NEVER OUT OF TOUCH"
"NEVER ALONE"

- BLUE
- CLEAR
- HOT PINK
- BLACK

\$99.95

Service Provided by
American Paging Network
for Coverage and Air Time
CALL

800-382-2276

**WE ONLY
QUOTE FINAL
DELIVERED
PRICES***

800-554-9949

Information Call: (414) 357-8181

FAX: (414) 357-7814

**WE ONLY
QUOTE FINAL
DELIVERED
PRICES***

With Sound-Effects, JBL creates the world's most versatile home theater speakers.

When it comes to home theater, most speaker companies are behind the eight ball. Today's home theater speaker systems usually consist of two speakers designed for music, coupled with hastily engineered center and rear speakers. This mix is seldom synergistic—the sound of the speakers often doesn't blend well, and the extra speakers tend to make a living room look like a studio. Atlantic Technology and Video Acoustics have addressed the issue with systems designed specifically for home theater, but the big players have remained on the sidelines.

JBL—one of the biggest names in loudspeakers—is out to change that. The company's new SoundEffects speaker line isn't just a quick-and-dirty, thrown-together collection. It represents a complete rethinking of the home theater speaker system.

The marketing concept behind SoundEffects is "music, movies and magic." The line starts with the \$750 Music 1 system—two tiny, two-way satellite speakers with two small passive subwoofers. The Movies 1 add-on—one more satellite for the center, plus

two round speakers for surround—gives you home theater sound for an extra \$250.

SURROUND SOLUTION



Home Theater Revolution: The SoundEffects line (above, clockwise from bottom)—Center A/V satellite, Sat3 pie-shaped satellite, Sat2 A/V satellite, Bass100 powered subwoofer, Bass1 passive subwoofer, Surround round speaker and Sat1 small satellite. Below right, a rear-speaker stand with two Sat2s, a Take1 RF receiver and a Power20 20-watt amp.

Things really get rolling when you move up to the \$830 Music 2 system. It comprises two satellites, each of which incorporates two low-frequency drivers and one tweeter, and a powered subwoofer with a 100-watt amp. The

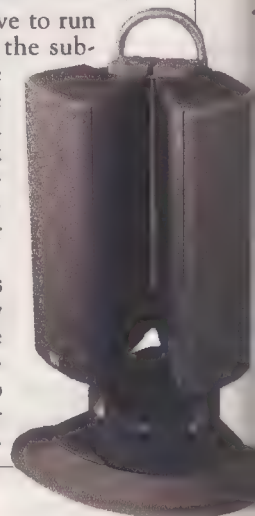
\$500 Movies 2 addition includes three more A/V satellites, one with a special grille that makes it more attractive when used as a center speaker.

If you wish to stand the powered subwoofers vertically and use them as speaker stands, JBL offers a pie-shaped satellite speaker that fits perfectly on top. It uses the same drivers as the A/V sats, with a slightly different crossover network to compensate for the rounded face of the speaker. You can also get a pie-shaped, 50-watt-per-channel amp (80 watts bridged for mono) that fits between the satellite and the subwoofer, so you can create a true bi-amplified system.

All the speakers—which will be available in mid- to late summer—are designed for maximum versatility and visual appeal. Satellites come with brackets that allow easy wall mounting and wire-routing channels that let the wires run gracefully from the bottom of each cabinet, instead of hanging from the sides. All of the crossovers, which send high frequencies to the satellites and low frequencies to the subwoofers, are built into the speakers. This way, you don't have to run

wires to the subwoofer, then to the satellites, so you save wire and clutter. A wire-management box provided with the system allows easy, simplified speaker hookup.

The subwoofers are designed so they fit gracefully along the floorboards or in a corner, so you give up very little useful floor space. However, de-



LES MORSILLO

H-O-M-E
THEATER
SPECIAL

pending on your room's acoustics, this might compromise the sound. (We ended up using one powered subwoofer placed on its side, about 18 inches from the front wall in our 5,500-cubic-foot home theater facility.)

The "magic" part of the equation solves the biggest problem of home theater—how to run the wires back to the rear speakers without making a mess of your living room floor, and without performing surgery on your walls. Both Magic systems—the \$600 Magic 1 and the \$500 Magic 2—use a radio-frequency transmitter/receiver pair to send sound to the rear speakers without wires.

The Magic 1 system combines the transmitter, the receiver and a 50-watt-per-channel amp for rear speakers. But the Magic 2 system is the one that turned our heads. It fits the receiver on a stand with two satellites, which are pointed away from each other to create a diffuse soundfield perfect for Dolby Pro-Logic. A 20-watt-per-channel amp for the rear speakers fits on the stand in a neat stack with the receiver.

When you're done watching a movie, just grab the top of the stand and haul it with you anywhere there's an electrical outlet—even outdoors—for a portable music system that uses the source components in your A/V system. You can also use this technology to set up a multiroom system without running any wires. JBL will offer an optional RF remote control and receiver that will let you control the central A/V system from any room.

The transmitter sends two stereo signals simultaneously, and the receiver

can be set to pick up either of the two signals. Each input on the transmitter has a loop-through output. A typical setup would connect the channel-one input of the transmitter to the line-level RCA output jacks for the surround channels of an A/V receiver. If your receiver doesn't have line-level surround outputs, just connect wires from the surround speaker jacks to the transmitter's speaker-level inputs.

Channel two of the transmitter would connect to the outputs of a CD player or any other audio source, and the loop-through outputs would connect to the A/V receiver's CD input. The CD sound passes through when you're listening to a CD on the main system, and when you want to listen to music through the portable system, just set its receiver to channel two.

Unfortunately, many of today's subwoofer/satellite systems seem to be designed more for looks than sound. Frankly, we expected such an attractive system as SoundEffects to sound competent at best. But a couple of days with a set of SoundEffects prototypes showed that the system is *much* more than competent—it sounds absolutely terrific!

The configuration that captured our hearts was the \$1,330 Music and Movies 2 system, with five A/V satellites and one powered subwoofer. The satellites image beautifully with two-channel music, creating a feeling of real instruments in a room on most recordings. The soundstage was wide and deep, particularly on orchestral recordings like Jon- gen's *Symphonie Concertante*. The sound was remarkably neutral, with little identifiable character. That's rare for inex-

pensive speakers—most add sonic colorations, and the buyer ends up having to select a coloration he or she likes. Not so with SoundEffects. For two-channel music, the sound is competitive with that of many affordable audiophile speakers.

Best of all, the system sounds just as good for movies and music—a feat that, in our experience, is equaled only by Atlantic Technology's Pattern 150 system, which is \$500 less expensive, but doesn't offer the dynamic range of the Music and Movies 2 system. The system easily handled everything we threw at it, from the Super Bit-Mapped CD of Dave Brubeck's *Time Out* to the *Indiana Jones and the Last Crusade* laserdisc.

The key to this great sound is that all of the satellites in the SoundEffects line use the same drivers, so on Dolby Surround videos the sound character changes very little as sounds move around the room. (The round surround speakers use a full-range version of the low-frequency driver, with no tweeter.)

The Music and Movies 2 system is easily worth the minimal extra investment over the Music and Movies 1 system. The smaller speakers sound fine for what they are, but we preferred the extra oomph of the powered sub and the extended dynamic range of the larger satellites.

Our complaints about the system are meager. The subwoofer isn't the punchiest we've heard in this price range, but it still sounds very good. Given a week or two of listening, we probably could have improved the bass a bit by trying various subwoofer placements.

continued on page 62

VIDEOTAPES FROM OVERSEAS?

Play or re-record them in the American System with superior sharpness, detail and real time motion accuracy™

Exclusive high resolution model available 400+ lines



Super VHS HI-FI VCR
Super Pal and NTSC

Instant Replay, the firm that originated the multi-standard video recorder, offers you a digital converter VCR that lets you view PAL or SECAM tapes on any American TV or monitor. *It's the only Super VHS playback unit that gives you broadcast quality resolution from foreign video tapes.* These units easily integrate into your home theatre or conference room and come with a cable ready tuner, timer and full function remote. Also available in an international model that allows you to record off the air virtually anywhere in the world.

We service and advise before and after the sale. For Information call or write : **INSTANT REPLAY**
2601 SO. BAYSHORE DR., STE. 1050 MIAMI, FL 33133 • 1-800-749-8779 (305) 854-8777 FAX 858-9053
CALL ANYTIME • DEALER INQUIRIES WELCOME

Late one Saturday night in 1991, the angry buzz of police activity wakes a Los Angeles plumber. Sensing a good chance to try out his new 8mm camcorder, he steps out onto his balcony and begins to shoot the scene unfolding across the street. Days later, his tape is the talk of the nation. A year later, it leads to riots that devastate Los Angeles and send a shock wave through urban America.

A private pilot driving a pickup truck through South Central L.A. as the riot begins decides to capture the scene with his camcorder. That day and the next, he shoots hours of intense you-are-there footage of the disorder. News stations eagerly license the rights to his spellbinding footage. He's paid well for its use, but finds he's gotten more than he bargained for. The FBI also wants his tapes, and he learns that local gang members are after his head.

With millions of camcorders in private hands, the coveted ability to capture—and market—the news no longer belongs only to members of the news media. Until the advent of camcorders, explosive or incriminating events were generally recorded by professionals who knew not only how to get the shot, but how to stay out of harm's way.

Now, everyone who owns a camcorder is a potential news-hound. TV stations encourage the practice. Reality-based TV shows like *I Witness Video* solicit tapes. Small fees are common, large fees are possible. The rules of engagement for electronic newsgathering are spinning out of control. Anyone with a charged battery and a blank tape has the ability to record the truth as the camcorder sees it, and have those images exposed to a national audience.

Sometimes, everyone benefits. Recall the case, last September, of two parents, John and Betty Lewis, who suspected their live-in nanny of secretly beating their two-year-old daughter. The Lewises set up a camcorder in the TV room and caught the nanny in the act. The footage ended the child's abuse, helped to

BY RON GOLDBERG

TRUTH. PRIVACY.



& THE LAW

convict the woman of assault, for which she served two months, and focused attention on the issue of child care.

Other times, videomakers get more than they bargain for—much more. Few are prepared for the aftereffects of fame or notoriety. Ordinary people thrust into the news as a result of tapes they shot, usually on the spur of a moment, have experienced complex legal and personal entanglements, relentless media coverage, harassing public opinion—even the threat of violence.

What laws can they turn to for protection? There is no simple answer. The bottom line is that news events captured by amateurs exist in a legal environment designed for professionals. "There are no laws that focus strictly on amateur video recordings," explains Janlori Goldman, director of the Privacy and Technology project for the American Civil Liberties Union. Unlike a wiretap, which is directly invasive, anyone has the right to shoot a public event, so long as the videographer doesn't infringe on another's right to privacy. Private citizens are not covered by state statutes, called shield laws, that protect the tapes and notes of professional journalists.

A vivid example of how easy it is to cross the line between public and private behavior occurred in Florida in 1991, when Tampa homeowner Lee Adler videotaped his neighbors having sex inside their own condo. Adler claimed Alfred Stephens and Janet Paddock engaged in "lewd and lascivious" behavior only 10 feet away from children swimming in a pool. To prove it, he taped the couple through the blinds of their condo's window, then passed his tape to the local police.

Charges brought by the police against the couple were eventually dropped. They claimed, rightfully as it turned out, that Adler was trespassing under Florida's "peeping Tom" law. But that didn't end the incident. The court had to go stop

Adler from attempting to sell his tape to national talk show hosts. Eventually, the couple won possession of the tape, provided it stays out of public view.

When a videotape is turned over for use as evidence, as in the Florida case, the law does establish some rules. "Anyone has the right to videotape something for their own use. This is called benign effect," says Goldman. "But once the tape ends up in the hands of law enforcement, you have to make sure there's no constitutional abuse. There have been cases where the police have asked people to videotape neighbors sus-

pected of illegal activity. At this point, you are no longer a private individual—you're an agent of a government office."

Videotaping for the law is one thing. Videotaping the law in action can be quite another. One day in May 1991, for example, police officers in Dayton, Ohio, were making a particularly physical arrest outside a hairdressing salon owned by Monica Meyer-Riggins, a local businesswoman. Meyer-Riggins grabbed a camcorder, stepped outside and videotaped the arrest. The police ordered her to "turn that damn camera off," according to Meyer-Riggins, then confiscated the camcorder and erased the potentially incriminating tape. Adding insult to injury, Meyer-Riggins was slapped with a jaywalking ticket for standing in the street while taping.

To keep their lives from resembling the kind of Hitchcock movie in which an innocent bystander is pulled into surreal circumstances, newshounds are well-advised to pack common sense and discretion along with batteries and tapes when wielding a camcorder. If a tape clearly places its maker in danger, he or she may be entitled to police protection or a restraining order. But by and large, a videomaker is fair game for anything, including requests for cooperation by police authorities.

SHOOTING THE KING TAPE

Even with the best of intentions, amateur videographers can never really be sure of what they may be getting into. George Holliday, the plumber who taped the Rodney King video, had never shot a minute of footage until he bought a new Sony 8mm camcorder just two weeks before that fateful March 3 evening. In fact, he recorded the King beating over scenes of his wife in their living room, the same kind of let's-try-this-thing-out footage most new camcorder owners

lem, and they would call me later." Yet that evening, Holliday's video was headlining the nightly news. Without permission or any discussion of fees, KTLA had sent the tape to CNN, which passed it downstream to its affiliates. The footage was in the hands of the national media before Holliday knew what had happened.

Equally important, the station still had the original tape. Holliday had not made a safety copy, although it seems clear KTLA did in the time it took the station to fix its "equipment problems." Meanwhile, Holliday's tape practically passed into the public domain. Although CNN made an effort to pay Holliday its standard Newshound fee of \$150, Holliday is still mired in litigation over licensing fees which his attorney, Ronald W. Grigg, claims were never paid.

Grigg has sued KTLA, CNN and the three major networks, claiming they aired and distributed the tape without securing the right to do so, and sent more than 900 warning letters to networks and affiliates around the country advising them they were exploiting a copyrighted tape. Holliday's position is straightforward. "All rights that are not specifically conveyed in an agreement belong to the holder of the copyright, the person who shot the tape," says Grigg.

The primary issue for Grigg is protecting a possession that's become valuable. "In the case of a videotape, you want to license it," Grigg explains, adding a warning to videomakers: "If you communicate with media organizations and have a product they want, they'll often try to rely upon oral understandings. They'll try to negotiate with you later. If they get hold of your tape, they will argue they have a 'limited license' which grants them whatever they need to get

How taping Rodney King & the L.A. riots drew two video newshounds into a media whirlwind.

shoot as soon as they tear off the packing materials.

The idea that his video might be important didn't even occur to George Holliday. Two days passed before his wife convinced him the media might be interested. Holliday called KTLA, a local TV station. The station offered to take a look at his footage. Holliday ran it over and the merry-go-round began.

"They said they had some mechanical problems. They couldn't see it right away," recalls Holliday. "They wanted me to leave it so that they could view it when they fixed their equipment prob-

their job done. As far as price, everything is negotiable."

But money was only one of Holliday's problems. "After the tape aired, I started getting lots of telephone calls at home," Holliday says. "Mainly they were from other stations and reporters and a few citizens who wanted to tell me what a good job I'd done. I answered the phone in the beginning, but then the calls got overwhelming." Holliday also started getting mail, most positive. But there was enough negative mail to make his wife fear for their safety.

The L.A. police were also interested

NO.1 BATTERY SPECIALISTS

We're #1 for all your battery needs!

BATTERIES...

SONY 1600mah.....27.97
CANON 8mm.....29.97
RCA/HITACHI/MIN.....19.97
PAN BP 80/88.....39.97
JVC VHS-C.....34.97



CELLULAR TELEPHONE BATTERIES!
ALL TYPES AND BRANDS IN STOCK!!

most also available in no memory!!

all fully guaranteed!!

...AND MORE!

Arkon TC600 Turbocharger.....69.97
Car Cords for all cameras and phones
Decharge/tester for SONY/PAN....29.97
AC adaptors, chargers, RF cables..call

1-800-ASK-BTRY
1-800-275-2879

IN NYC OR OUTSIDE THE US (212)768-7595

#1 BATTERY SPECIALISTS

74 W. 38th ST. 2nd Floor

New York, NY 10018 FAX (212) 575-5561
Returns within 30 days in new condition. Shipping, insurance, return shipping are not refundable. Above brand names are copyrighted. Prices subject to change.

SALE!

17th Year Anniversary
Panasonic
#1 in Customer Service

"CABLE TV BOXES"

CONVERTERS & DESCRAMBLERS
BELOW WHOLESALE
SAVE MONEY DON'T RENT!

*** OFFICE HOURS ***
MON-FRI 10AM-8PM EST
SAT 12PM-4PM EST

ZENITH PIONEER JERROLD
TOCOM PANASONIC OAK
HAMLIN SCIENTIFIC ATLANTA

* YOUR ORDER SHIPPED WITHIN 24 HOURS!
* 30 DAY MONEY BACK GUARANTEE!
* QUANTITY DISCOUNTS!
* DEALER INQUIRES WELCOME!
* 1 YEAR WARRANTY! WE SHIP C.O.D.!
* WE STAND BEHIND OUR PRODUCTS WHERE OTHERS FAIL!! SORRY NO N.Y. SALES
FRIENDLY - PROFESSIONAL - SERVICE SINCE 1975

**** FOR ORDERS ONLY ****

1-800-GO-CABLE

HAVE MAKE & MODEL OF EQUIP. USED IN YOUR AREA.

FOR CATALOG OR INFORMATION

CALL 1-718-886-2000

VISUAL COMMUNICATIONS

20-04 UTOPIA PARKWAY SUITE 238 WHITESTONE, NY 11357
BY PURCHASING CABLE EQUIPMENT FROM VISUAL COMM. THE CUSTOMER AGREES TO COMPLY WITH THE FEDERAL LAWS REGARDING PRIVATE OWNERSHIP OF CABLE TV EQUIPMENT. IF YOU ARE UNSURE OF THESE LAWS CHECK WITH YOUR LOCAL OFFICIALS. ANYONE IMPLYING THEFT OF SERVICE WILL BE DENIED SALE OF EQUIPMENT.

in talking to the man who had brought them under such intense scrutiny. "I had to go to the local police station and answer all their questions, then I had to go to downtown headquarters, then to the Internal Affairs department," says Holliday. "Then the FBI came in. They all had their own investigations going on."

Worse than the legal authorities, to Holliday's way of thinking, were the media. "The reporters were really tough in those first couple of weeks. It got to the point that I looked for some sort of help, like an attorney, to get some kind of protection from the media."

The publicity storm and the events that followed left Holliday with a deep suspicion of the mass media and the perceptions they create. As a witness to the beating, Holliday is uniquely qualified to compare the reality of what happened to what the rest of the world believe happened. "I'm very afraid now of the power the media has to distort something if they really want to," says Holliday. "It's hard for me to watch a news program and believe what they're saying."

When the riots broke out last April after the Simi Valley verdict, Holliday might well have regretted the day he bought the camcorder. "In the beginning, I felt very guilty. I thought I caused all this," Holliday reflects two years after that fateful evening, his life only now returning to normal. "But Los Angeles has a lot of underlying problems — economic, racial, whatever. If my tape hadn't existed, something else would have triggered the rioting."

INSIDE THE RIOTS

Unlike Holliday, Timothy Goldman thought he knew what he might be getting into when he shot footage of L.A. trucker Reginald Denny being dragged from his rig and beaten. An ex-Air Force captain and a video enthusiast, Goldman was driving toward South Central L.A. with his brother, Terry, and a cousin the day the riots broke out. "We had been recording all that day, just fooling around with camcorders, shooting the ladies more than anything else," says Goldman. "We were in a neighborhood south of the trouble spot when we heard over the [police] scanner that the police were requesting help. We drove over and saw a standoff between the police and the local residents. We just started shooting."

With the rage about to boil over into violence, Goldman and his companions would have had second thoughts about pointing a camcorder into the crowd had they lived elsewhere. But they lived nearby. "We were black and the locals knew us," says Goldman. "Some people on the streets told us to put the camcorder down, but others said, 'They're

from the neighborhood; leave them alone.'"

Left alone, Goldman, with the help of his companions, shot two hours of the most frightening footage imaginable, a document of such violence it makes most Hollywood concoctions pale by comparison. Because he lived only blocks from the scene, Goldman was able to run home and fetch extra tapes and batteries, which, like any savvy videographer, he had charged in advance.

That night, Goldman made copies of the footage, which had been shot in VHS, 8mm and VHS-C. The next day, he was back on the streets, shooting again. Gregory Sandoval, a journalism student, spotted Goldman shooting and asked if he had any footage from Florence and Normandy. This was the intersection at the center of the disorder, where Goldman caught the assault on Denny.

Sandoval looked at Goldman's tape and wrote a story for *The Daily Trojan*, the student newspaper of the University of Southern California. Other papers picked up the story, and Sandoval was soon fielding more than 40 requests for Goldman's tape. It took about a week before the first excerpts from Goldman's tape showed up on TV. With Sandoval — then, later, Grigg — as his agents, Goldman has earned more than \$80,000 in licensing fees for use of his tapes.

Goldman's story didn't end with his marketing coup. The tape's exposure generated considerable fallout. "For the first three days after the tape was released, the media wanted to know who I was," says Goldman. "I didn't do TV interviews because I felt less secure with TV than radio. Then I started hearing that people were out looking for me."

Goldman's footage was also being studied for use as evidence against alleged rioters by a joint task force of local, state and federal authorities. In fact, the task force was systematically working its way through a vast pile of more than 300 tapes of the riot shot by amateurs and professionals. After Goldman's video aired on KABC, even the FBI came calling. But since Goldman was keeping a low profile, the FBI couldn't reach him. Armed with a warrant, they raided his house and came away with his tapes.

To help identify figures spotted committing crimes in the tapes, Goldman participated in more than 20 court-ordered identification sessions. Ironically, at least one session involved his brother, Terry, who was caught by Timothy's camcorder in the act of looting a liquor store. He, too, became a target of the investigation.

"To some I was a hero," says Gold-

ELECTRONIC MAILBOX

THE VIDEO EDITING & PRODUCTION EXPERTS

800-323-2325

10-12 Charles Street, Glen Cove, NY 11542

IN NY 800-634-1901

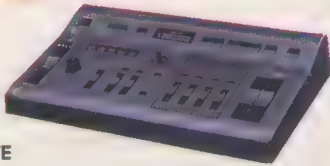
For Information 516-759-1611

Fax 516-671-3092



JVC

JXSV55



ULTIMATE S-VHS PRODUCTION CENTER

The only production center that combines:

- SPECIAL EFFECTS GENERATOR
- HI FI STEREO AUDIO MIXER
- SVHS COLOR PROCESSOR

all in one easy to use unit!

\$449⁰⁰

Stereo/Zoom Microphone



MZ707

High performance Mic.

Features:

- 2 modes - stereo or superdirectional! Plus sensitivity & low-cut selections. 6 times greater sensitivity than built-in mic.

\$149⁹⁵

AZDEN



HS7V
Headset
Boom
Mic

Add narration as you're video taping! Monitor camcorder audio SALE **\$19⁹⁵**



Mic Mixer CAM3
Record and mix sound from 3 sources, while shooting! Connect 2 mics plus background music to your camcorder's audio.

SALE **\$49⁹⁵**



TR3037

4 in 1 Tele/wide Lens
Features .5x wide & 1.5, 2.0 & 3.0x tele in one set! 37mm

\$129⁹⁵



ECZ990

Zoom Microphone
Picks up sound in front without side noises. 2 position zoom/wide angle.

SALE **\$65⁰⁰**

High Quality
Stereo/Mono Microphone
Fits all popular camcorders.

SALE **\$39⁹⁵** ECS440



VIDEONICS TitleMaker

TM-1

THE ONLY SVHS COLOR TITLER W/ SMOOTH LETTERING

- HIGH RESOLUTION
- 1 million colors
- 12 fonts in 4 sizes
- 100 pages of memory
- Shadowed, outlined or bold
- 8 variable scroll speeds
- Full size keyboard
- 24 fade & wipe effects



SALE **\$399⁰⁰**

Thumbs Up™

WORLD'S EASIEST TO USE EDITOR

If you have an 8mm camcorder with Control L, Thumbs Up lets you preview scenes, remove unwanted footage and store up to 60 scenes.

- Fade to black
- Video enhancer
- GPI trigger for TitleMaker
- Instant editing for all camcorders & VCRs



\$199⁰⁰

SIMO FX Video Ed/it 4

SPECIAL EFFECTS EDITOR & SOUND MIXER



SVHS

A Complete Creative Editing Center

- Over 100 wipe patterns-stop wipes, partial wipes etc
- Crossfades input 1 to black to input 2
- Variable wipe and fade speed
- Stereo Sound Mixer • 2 in/2 out

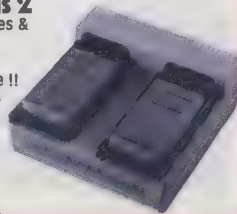
\$249⁰⁰

PowerMax Plus 2 Completely Discharges & Quick Charges two NICAD Camcorder Batteries in One Cycle !!

- Reconditioner eliminates battery memory!
- Quick charge
- AC or DC
- Battery Tester

\$88⁰⁰

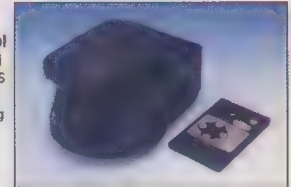
SALE SPM-4



SUNPAK

Remote Control
Auto Pan Head
for Camcorders
NOW WITH TILT!
Does the filming for you!

AP200T



Get out from behind your camcorder and be a part of your family's home videos. Simply mount your camcorder on Sunpak's new auto pan head, place on any tripod, and get in the action with everyone else!
Responds to infra-red signals, or can be preset for continuous panning (adjustable panning angle & tilt angle)
Powered by 6v camcorder battery (not included)

SALE **\$149⁹⁵**

RB77 1500MAH battery for AP200T

\$29.95

POPULAR CAMCORDER BATTERIES

RB77	1 1/2 hr. (1500MAH) for Sony	\$29.95
RB77S	2 hr. (2200MAH) for Sony TR5	\$49.95
RBPS2	2 hr. (2200MAH) Palmcoorder	\$49.95
RB88	Pana PV200, 300, 420	\$34.95
RBH22	RCA 200, 300 (CB120)	\$34.95
RB16G	JVC, Panasonic VHS-C grip	\$34.95

NEW NOMEM VIDEOKRAFT SoundsRight

Charger/Reconditioner



New model includes "charge only" feature to work with BOTH NiCad and NOMEM batteries. AC/DC. **\$39⁹⁵**



Audio Mixer

Add background music or narration to your videos & fade picture, sound or both **\$39⁹⁵**

CABLE KITS FOR VIDEO PROCESSORS

CK5S	Deluxe Gold Tip Cable Kit	\$29.95
CK6S	Deluxe SVHS Gold Cable Kit	\$49.95

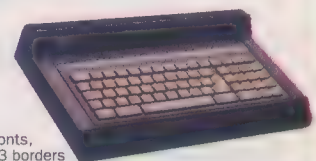
JVC SVHS DUBBING CABLES

High quality SVHS cables feature top grade wire with 24K gold plated terminals for best signal reception

S110	3' SVHS-SVHS	\$29.95
S120	6.5' SVHS-SVHS	\$34.95
S130	9.75' SVHS-SVHS	\$39.95
S410	3' SVHS Stereo Dub Cable	\$29.95
S420	6.5' SVHS Stereo Dub Cable	\$34.95

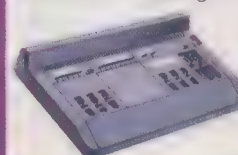
NEW SAMBICO VIDEO TITLE WRITER

Deluxe Color Titler for under \$200



- 8 colors, 2 fonts, 4 sizes and 3 borders
- 10 pages of memory
- Titles can wipe in/out, scroll up/down, crawl, and flash on/off
- Hi8 and S-VHS compatible
- Superimpose titles over live video or on black or white background.

SALE **\$199⁰⁰**



Audio/Video Editing Effects Generator

Edit your videos using color fades and 100s of wipe patterns. Includes stereo audio mixer. **\$299⁰⁰**
V6300

NEW VANGUARD

8mm/VHS-C Hands Free Mini Camcorder Support

Gives extra support to prevent shaking ONLY **\$39⁹⁵**



NEW Full Size Hands Free Camcorder Support

Sturdy sholder bracket offers true hands free support plus improved weight distribution **\$59⁹⁵**



VIDEKRAFT VidiMate 200

Improves picture quality during playback or editing from any source. Features automatic fades, fine adjustment of outline, detail, brightness, color and tint. PLUS-2 video in and 4 video/audio out. **\$99⁹⁵**

Also Available: VDM300S- Similar to above w/ S-VHS jacks *169⁹⁵



VDM200

Circle 24 on Reader Service Card.

BUYER BEWARE

Fraudulent phone tricks can cost you money.

Phone fraud tip-offs.

Beware of phone sales tactics with these characteristics:

- overemphasizes free merchandise
 - unauthorized dealers
 - pressures you to buy before a deadline
- And remember, if it sounds too good to be true, it probably is.**

BUYERS GUIDE

Q. Who can you call and give your credit card number to with confidence?



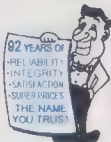
Q. Who is the world's largest camera, electronic and computer department store?



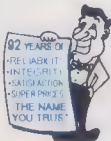
Q. Who has only factory fresh merchandise? Nothing Refurbished!



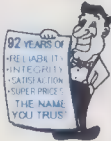
Q. Who has the largest selection of Direct Factory Authorized Brands?



Q. Who can you call for experienced and knowledgeable sales staff?



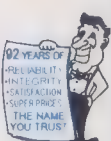
Q. Who guarantees you the lowest purchase price?



Q. Who can you call for prompt and speedy shipment?



Q. Who gives you a 10 day money back guarantee?



Q. They all come and go, but who has been here for 92 years?

ANSWER

TO FIND OUT WHO THIS 92 YEAR OLD RETAIL GIANT IS, TURN TO PAGE 68

Circle 21 on Reader Service Card.

man. "I was helping to put bad guys in jail. But to others, I was a villain. I got people from the neighborhood arrested. For a while, everyone was after me." Including members of L.A.'s notorious street gangs, who did not take kindly to the situation.

As of this writing, Timothy Goldman is still in hiding and Terry is in jail, although not on the looting charge. While few looters were prosecuted, Timothy's tapes served as evidence in the trial of the men accused of beating Denny.

Meanwhile, Holliday's tape, which played key roles in both King trials, is turning into an icon of the '90s. Spike Lee used it in the opening credits of *Malcolm X*, and the prestigious Whitney Museum of American Art in New York City displayed it as a work of art in its 1993 Biennial Exhibition.

Few amateur tapes will ever achieve this level of impact or exposure. But videomakers cannot know this in the heat of shooting, or even immediately after. Perhaps the best advice for newshounds comes from the ACLU's Goldman, who cautions that what your camcorder sees isn't necessarily the whole story. "You're getting just one angle, and the video-maker's bias is always reflected on the

tape," she says. "Just because you can see a picture or hear a voice, that doesn't mean it's the truth."

SURROUND

continued from page 57

We noted a slight edginess in the upper range of voices, but we think this effect was caused by the lack of grilles on the prototypes we tried. Grilles will be supplied with the production versions of the speakers. They'll attenuate higher frequencies by a decibel or so, and should solve the problem. Even without grilles, the SoundEffects speakers produce more natural-sounding voices than many very expensive high-end speakers.

If you've been putting off the purchase of a home theater sound system because you're turned off by the complexity, or don't want your precious living space invaded by a flock of huge boxes, SoundEffects could change your mind. We're amazed at the thought and innovation JBL put into this system, and we're impressed that the company put so much effort into making SoundEffects sound as great as it looks.


ELITE

continued from page 54

door to achieve the clean, uncluttered appearance of top high-end audio gear.

Like the Yamaha, Onkyo's TX-SV909PRO receiver emphasizes the benefits of DSP. Two "Theater Surround" modes offer perks like a "digital bass enhancer" function that boosts the bass, simulating a subwoofer. Onscreen maps allow adjustment of the quantity and placement patterns of multiple *simulated* surround speakers—through the magic of DSP—in simulated theaters of seven sizes. In addition, the 909 is equipped to power two real "front enhance" speakers, just like the Yamaha. Three music surround modes are also compatible with the seven-channel configuration. Ambisonic Surround, a unique four-channel music system licensed from England's Nimbus Records, harkens back to the days of quadraphonic sound. With an optional remote sensor, the 909 can control most Onkyo components from another room—add a remote emitter, and other brands can also be controlled. A Toslink optical input offers a direct digital connection from many CD and laserdisc players.

In both stereo and Pro-Logic modes, the 909 delivered punchy, dramatic sound. We found its two-channel and Pro-Logic performance a little harsh



Thousands To Choose From At
LASERDISC ENTERPRISES

1-800-347-1941

- Friendly Service
- Same Day Shipping
- Up To 15% Off

2436 COBB PARKWAY
SMYRNA, GA 30080
404-955-8909 PHONE
404-984-2173 FAX

Visa/MasterCard/Discover/C.O.D.
10:00-9:00 EST MON-SAT

Circle 22 on Reader Service Card.

when using a combi player routed through the 909's analog inputs, but the problem disappeared when we made a direct optical digital connection. We were very pleased with the DSP modes — "Theater 1" offered spacious sound without interfering with delicate sound placement across the front. The Ambisonic Surround was remarkably realistic and musical, but requires special Ambisonic CDs for full effect. The 909's front panel isn't quite as striking as those of the Yamaha and Mitsubishi, but it's more practical — the large display can be seen from across the room and individual buttons allow instant access to sources.

Mitsubishi's HTS-300 focuses principally on ease of use and elegance of design. These qualities are most apparent in its extraordinary remote control, which lights up for use in dark home theaters and has an LCD display that indicates which component is being controlled. It has three music surround modes, but no DSP movie modes. Its multiroom functions let you watch or listen to a selected source in another room, but when the HTS-300 is combined with other Mitsubishi A/V network products, you can select a different source from a second room and control the receiver from that room. The owner's manual is a 165-page oversized paperback with amazingly clear and helpful diagrams and instructions. If you've never hooked up a home theater before, this manual will get you through it with little or no trouble.

The HTS-300 won our hearts at the beginning of the high-end listening test with its exceptional two-channel stereo sound. Its sweet and detailed music reproduction was the best we heard in our A/V receiver tests. We found its ProLogic and music-mode performance respectable, but similar to that of the best midpriced receivers we tried. The on-screen menu system seemed a little confusing at first, but we warmed to it after minimal exposure. We were very surprised to discover that the HTS-300 has a cooling fan that audibly cuts off whenever a source signal is interrupted, such as when skipping tracks on a CD. Some may find it bothersome.

Overall, we were very pleased with the performance of these machines — we found that you do get what you pay for in home theater's rarefied high end. But we strongly suggest you audition these models yourself before settling on a favorite. Spend enough time to get a feel for each, and don't be afraid to ask questions. You should expect an investment of this size to pay off with years of enjoyment — but only if you're willing to find out which model is just right for you. ■

TECH TIPS

Microprocessor mix-ups

For various reasons, the microprocessor brain of a VCR can get "mixed up" so that it won't permit normal operation. More often than not, all that is required to fix this is to unplug the VCR from the wall socket, wait a minute and plug it back in. When a VCR is plugged in, a reset signal is fed to the microprocessor, which restores it to factory settings. In some VCRs, this may require resetting the clock and channel scan.

W.R. McCarty
Scottsdale, Arizona

Communications made cheap

A low-cost intercom system can make complicated video shoots easier — you can direct camera operators without others hearing. An easy way to make an intercom is to get an old receiver with a

built-in eight-track or cassette tape recorder, hook up a microphone, and connect one or more sets of headphones to the headphone jack. You can tell camera operators wearing the headphones what shots to get and if they are "live."

Zach Dandert
Greeley, Colorado

Mic madness

By using two mics with a stereo camcorder, you stand a better chance of catching all the important sounds. For weddings, use a tripod-mounted mic for ambient sound, and a wireless mic on the groom or clergyman. Use a dual-mono to stereo adapter to plug one mic into the left channel camcorder mic input, and the other into the right channel. For playback, plug the camcorder's output into an audio mixer so you can blend the ambient and direct sounds to your liking. Be careful, though — you might want to delete some of the "off-stage" comments made by the groom and clergymen, which can be embarrassing!

James R.C. Adams
North Manchester, Indiana

MOVING?

Don't risk missing an issue. If you're changing your address, please give us 8 weeks notice. Simply PRINT your new address below and mail this coupon—ALONG WITH YOUR CURRENT SUBSCRIPTION MAILING LABEL—to: VIDEO, P.O. Box 56293, Boulder, Colorado 80322-6293 (please print)

Name _____

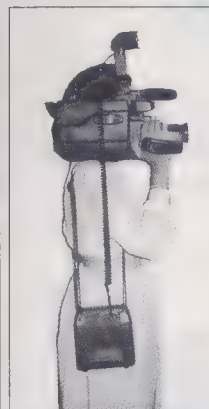
Address _____

City/State/Zip _____

Smart Power Pack

MULTIPURPOSE ■ MULTIVOLTAGE DC
CORDLESS ■ RECHARGEABLE POWER

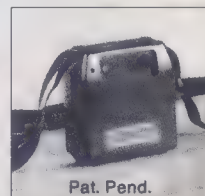
Provides Power To:



- Camcorders
- Video Lights
- Cellular Phones
- Portable TVs
- Video Games
- CD/Stereo Players
- Portable Refrigerators
- CB/Scanners
- Charges Ni-Cad Batteries

Features:

- Recharges on 110/120 VAC and 12VDC
- Includes AC/DC Charger & Cables
- Overcharge Protected



For Order & Information
CALL 1 (800) DC-POWER
1 (800) 327-6937

HT Hi-TECH SYSTEMS

NO BULL....

FOR ORDERS ONLY

1-800-662-8559

800 NO BULL 93

800 NO BULL 6 (662-8556)

Canada 800 344 BULL (2855)

FOR ALL INFO 908-566-7100

WE WILL BEAT YOUR BEST LEGIT DEAL

**AUTHORIZED DEALERS
FOR ALL MAJOR BRANDS.**



**DIRECT VIEW 8" TO 35"
PROJECTION 40" TO 70"
LCD PROJ. 2" TO 150"
TV/VCR COMBO**



**ALL PAL AND MULTI SYSTEMS
TVs & VCRs IN STOCK NOW**



**50% Discount / 5 yr. In-Home Service
with any T.V. Purchase**

ELECTROWORKS

**INC. DBA K.B. VIDEO & ELECTRONICS
YOUR AUTHORIZED DEALER**

SEE NEXT PAGE FOR OUR FULL PAGE AD

ALL EQUIPMENT IS U.S.A. WARRANTED AND FACTORY FRESH. NO BULL...

RECEIVER

continued from page 54

Marantz receivers. It uses digital signal processing to create many music surround modes, plus a widescreen mode that combines Pro-Logic with ambience synthesis to make your living room sound more like a theater. Each of these modes is adjustable—you can simulate different room sizes, select left plus right or left minus right surround decoding, and tweak the sound in other ways depending on the mode selected.

Unfortunately, much of this was wasted on us because we didn't enjoy the two-channel music sound of the AVR-3000. It sounded a bit lean, with an overemphasized treble. Using the CD direct mode, which deactivates all unnecessary circuitry, seemed to make the sound worse. Its DSP music surround modes were rather pleasant. Had it sounded better in two-channel mode, the music modes might have been stellar. Surprisingly, the Pro-Logic sound was smooth and powerful. The widescreen mode added a nice ambience for movies, although we didn't care for the mono movie mode.

We had no problem at all using the AVR-3000. The front panel has all the controls you need, the back panel hook-up is self-explanatory, and the remote control buttons are differentiated with bright red, white and blue backgrounds.

THE NAKAMICHI AV-1

The AV-1 is similar to the Carver and Marantz receivers, although a notch down in the feature department. It has no front-panel inputs, but if you don't own an 8mm or Hi8 camcorder, you'll probably never miss them.

We thoroughly enjoyed the sweet sound of the AV-1 on two-channel music. The music surround modes left much to be desired. With careful tweaking of rear-speaker level and delay, we improved them, but not by much. Its Pro-Logic sound strained on the Wow disc intro—a room-shaking crescendo of synthesized sound—and couldn't produce the punch dealt by most of the other receivers. But that's only a problem on the loudest passages of action movies. On Madonna's first tune from *Dick Tracy*, it sounded gorgeous.

Operationally, the AV-1 is pretty much like the Carver and Marantz receivers, although its remote control layout is a bit more sensible, and it has automatic input level control.

THE HARMAN-KARDON AVR30

With its unconventional front panel layout, the AVR30 is the most unusual

of the receivers we tried. Unlike the others, the center-channel level must be set from the front panel. Some videophiles like this setup, but because it practically requires use of a helper or a sound pressure level meter, we consider it less convenient. However, the AVR30 has one offsetting convenience—a subwoofer level control that lets you control a powered subwoofer from the front panel.

The two-channel music sound had a distinct edge—this helped make the orchestral instruments of the Brahms Piano Concerto No. 2 more distinct, but rock CDs like *Floored Genius: The Best of Julian Cope* sounded fatiguing. The music surround modes offered little potential for adjustment, but sounded good. The Pro-Logic sound was also good, but this receiver isn't quite as powerful as the others—50 watts in each front channel in Pro-Logic mode. The Wow disc intro sounded somewhat strained. However, few movies reach such high levels, and only briefly at that. The movie mode added a pleasant theater simulation to the Pro-Logic—we'd probably leave it on all the time—but the mono mode sounded too echoey.

The AVR30 comes with two remotes. One provides full access to the receivers' functions and controls other Harman-Kardon equipment. The other is a system remote. It controls several components of various brands, plus most of the AVR30's features. The receiver is easy to set up and operate, thanks largely to its onscreen displays.

THE YAMAHA RX-V1070

We've been impressed with Yamaha's recent home theater electronics. They're remarkable for their deliberate, clean digital sound—a quality carried over into the RX-V1070. It sounds great on Pro-Logic and two-channel music, with plenty of power and a balanced, clean sound. On music, it created a realistic soundstage, but with a polite high end—cymbals lacked sparkle.

On Pro-Logic, it produced a wonderful ambience, with full, punchy bass. The music surround modes sounded very good, but offered little adjustability. Its enhanced Pro-Logic mode produced great theater ambience, although we found its 70mm mode produces such a big sound that it can be distracting.

We didn't have any problems at all operating the RX-V1070. Its color-coded remote has unusually shaped controls for volume and delay time, making it easy to operate by feel and in a dark room. We think you'd have to buy separate components—and spend double the money—to get a significant improvement in performance.

continued on page 80

ALL EQUIPMENT IS U.S.A. WARRANTED AND FACTORY FRESH.



NO BULL....



FOR ORDERS ONLY
1-800-662-8559
 1-800-NO BULL 93
 1-800-NO-BULL6 (662-8556)
 From Canada 1-800-344-BULL(2855)

WE ARE AUTHORIZED DEALERS
 FOR ALL MAJOR BRANDS AND ALL
 OUR EQUIPMENT IS FACTORY
 SEALED AND HAS FULL U.S.A
 MANUFACTURERS WARRANTY

CALL US WHEN YOU'RE
 TIRED OF THE BULL
 FOR A BREATH OF FRESH AIR &
 A NO BULL SHOW AT ELECTRO WORKS

CUSTOMER
 SERVICE # **908-566-7100**

FOR ALL OTHER INFORMATION INCLUDING TV'S, PAL, MULTI SYSTEMS & EUROPEAN EQUIPMENT-PLEASE CALL

* WE WILL BEAT YOUR BEST LEGITIMATE PRICE
DO NOT CALL US...UNLESS

"C.O.D. NO EXTRA CHARGE" • YOU ARE TIRED OF THE BULL... • YOU DON'T WANT TO BE BAITED & SWITCHED
 • YOU DON'T LIKE TO BE JERKED AROUND
 • & YOU'RE READY FOR A "NO BULL" SHOW!
 AFTER YOU'VE CALLED AROUND
 YOU'LL SEE WHAT WE MEAN!!

8 MM CAMCORDERS Panasonic PV22...8-1 PV42 E.I.S. PV43...20-1 PV562 Super PV6...20-1 PV10303...NEW PV10403...NEW PV10503H.F...NEW PV332 C...NEW PV382 C...NEW PV800-PV810...NEW PV760 w/c E.I.S...NEW PV770 w/c SPR DGT...NEW ALL TV. 13" TO 51" CALL INDUSTRIAL ALL MODELS...CALL AG195...CALL AG455...CALL AG460...CALL HITACHI VMH30A HITACHI VM 2500 A 16X...CALL VM4400 A 64X...CALL VM5400 A 100X...CALL VM6200 A Super...CALL VME 23 A 64-1...CALL VME 25 A 64-1...CALL VMH 38 A Hi 8...CALL VMH 39 A Hi 8...CALL SPH1A Sports...NEW ALL NEW MODELS HOT AT TV. 13" TO 60" CALL REDA PRO 807...CALL PRO 867...CALL PRO 870...CALL PRO 883 EIS...NEW CC 407...CALL CC 507...CALL CC 517...CALL MINICITA 8-018-2 CHIP HI 8...CALL 8-438...CALL 8-848 HI E.I.S. MINI CALL RICOH R15 10-1 H.F. MINI-TR71 R87 HHI 8 MINI-TR200 NEW WCOLOR FINDER SHOT MASTER...35MM ULTRA ZOOM...35MM	S-VHS VHS-C CAMCORDERS SONY AUTHORIZED DEALER 1993 Canon L-1 Hi 8...CALL A1 DIGI HI 8...CALL UCS-1 Hi 8 MINI CALL UCS-2 Hi 8...CALL UCS-3 Hi 8...CALL UC-1 COLOR...CALL UC-1 MINI...CALL UC-20 MINI...CALL E 250 12-1 E350...NEW E-65 E-67...CALL ED-100 & ALL ACC CALL JVC GRAX33U...NEW GRAX35U...NEW GRAX75U...NEW GRM 3 U...NEW GRM 5 U...NEW GRM 7 U...NEW GRAX-50 CLR FD CALL GRAX-1 SPORTS CALL GRX 90U SUPER CALL GR5-505U SUPER CALL GR5-21 MINI SUPER SHARP VLL72 TWIN CAM VLL 62U SLIM CAM...VHS VLL 72U SLIM TWIN CAM...VHS VL-MX 7U TWIN CAM...MINI VL-MX 10 Hi 8 TWIN CAM...MINI LKH1100U-VIEWCAM VHC 96 U...8HD ALL TV. 13" TO 150" CALL YASHICA KV-HV-1 Hi 8 MINI-TR200 KVH10-COLOR FINDER KX95 10-1 HF MINI-TR71 PAL & MULTI SYSTEM CAMCORDERS...SONY VCR'S...AKAI TV/VCR COMBO...HITACHI STEREO...JVC LASER PLAYERS...TOSHIBA EDITORS...CANON AGW...PANASONIC INSTANT REPLAY...SHARP	HI 8 VCR'S SONY AUTHORIZED DEALER 1993 ALL VHS VCR ALL 8MM VCR ALL BETA VCR JVC HRDX 42 U...4 HD HRVP 46 U...VCR HRDX 62 U...HI FI HRVP 66 U...HF VCR HRD 820 U...4 HD JOG HRD 990 UHF JOG EDT HRS 4700...SUPER HRS 6800 SUPER JOG EDT ALL TV. 13" TO 35" CALL ALL TV. 13" TO 35" CALL JVC SPECIAL F X JXS100...WE'LL JXS300...BEAT JXS55...YOUR JXS900...BEST JXT 66-JXT88...PRICE GO VIDEO \$609 DUAL DECK GV3050X Hi Fi AVAILABLE NOW Panasonic PV2301...CALL PV4301...CALL PV4361...CALL PV4262 PV4264 CALL PV4266-S4270 CALL PV4280 4380...CALL NEW SUPER VHS CALL INDUSTRIAL WJAVE-1...CALL WJAVE-3...CALL WJAVE-5...CALL AG1970...CALL AGA96...CALL AGW-1-UNIVERSALCALL Panasonic TV VCR COMBO PVM1321...13" PVM2021...20" PVM2042 4 HD...20" PVM2071 4 HD HI F20" ALL TV. 13" TO 51" CALL REDA VR 526 VCR...CALL VR538HF VCR-CABLECALL VR67HF VCR-CABLECALL VR800F 8MM VCR...CALL	AUTHORIZED DEALERS SONY Panasonic JVC Canon PIONEER & LaserKare aiwa TOSHIBA Quasar HITACHI PHILIPS RICOH SHARP CASIO REAL EFUJI YASHICA PINNACLE MAX Technics Takina STEADICAM YAMAHA NADY INSTANT REPLAY AZDEN bogen & MORE	AUDIO SONY AUTHORIZED DEALER 1993 PIONEER AUTHORIZED DEALER 1993 Panasonic AUTHORIZED DEALER 1993 JVC AUTHORIZED DEALER 1993 ALL MAJOR BRANDS ALL KARAOKE ALL CD PLAYERS ALL CASSETTE DECKS ALL SPEAKERS ALL COMPONENT SYSTEMS ALL RACK SYSTEMS ALL T.V.'s ALL KARAOKE ALL PORTABLES DCC...CALL MINI DISC...CALL TECHNICS...CALL AIWA...CALL SPEAKER LINEUP ADVENT...CALL BOSE...CALL CERWIN VEGA...CALL INFINITY...CALL DESIGN ACOUSTICS...CALL JBL...CALL NHT...CALL CAR STEREO ALL CAR AUDIO & ALARMS PIONEER AUTHORIZED SONY AUTHORIZED DEALER 1993 ADVENT...CALL ALPINE...CALL BLAUPUNKT...CALL CLARION...CALL INFINITY...CALL JBL...CALL JVC...CALL KENWOOD...CALL MTX...CALL PANASONIC...CALL	T.V. LINEUP SONY 40-1 70-1 13-5 HITACHI TOSHIBA Panasonic SHARP RCA ALL MAJOR BRANDS MINI SYSTEMS FROM SONY, JVC, YAMAHA, aiwa, PANASONIC, HITACHI & MORE CALL PHONES AUTHORIZED SONY AUTHORIZED DEALER 1993 ALL MODELS...CALL Panasonic ALL MODELS...CALL KXT9000...IN STOCK brother ALL FAXES...CALL ALL WORD PROCESSING CALL ALL P-TOUCH...CALL FAXES, COPIERS & WORD PROCESSORS BROTHER...ALL MODELS SHARP...ALL MODELS PANASONIC...ALL MODELS PANAFAX...ALL MODELS CANON...ALL MODELS RICOH...ALL MODELS QUASAR...ALL MODELS SANYO...ALL MODELS OKIDATA...ALL MODELS MURATA...ALL MODELS TOSHIBA...ALL MODELS MITSUBISHI...ALL MODELS IN STOCK NOW BEST PRICES IN COUNTRY
---	--	---	--	---	--

All merchandise shipped factory fresh. Returns O.K. within 7 days
 exactly as received. Shipping and handling non-refundable. Call for
 return authorization number. Subject to restocking fee. Merchandise
 subject to price and availability changes. Service only after sale. All
 prices include a cash discount and reflect rebates where applicable. All
 orders accepted at management's discretion. Pictures are for
 illustration only. At time of order only. Does not apply to freight
 or foreign deliveries. Prices in store may vary. U.S.A. warranty does
 not apply to PAL or Multi Systems. Personal checks require 30 day
 wait.

ELECTROWORKS
 INC.

YOUR AUTHORIZED
 DEALER

24 Hour Fax Order Line 1-908-566-8234 For Orders only 1-800-662-8559
 Technical Info. call 908-566-7100 SUN 10-6 MON-FRI 9-8
 Plaza 34, 100G Hwy. 34, Matawan, N.J. 07747
 C.O.D. NO EXTRA CHARGE

ALL EQUIPMENT IS U.S.A. WARRANTED AND FACTORY FRESH. NO BULL.

ALL EQUIPMENT IS U.S.A. WARRANTED AND FACTORY FRESH. NO BULL.

UNITED VIDEO & CAMERA EXPRESS

724 7th Ave. NY, NY 10019 • 24 Hour Fax • 212-397-3056

SONY

TR-101

Hi8



\$1048

10 X 1 ZOOM • HI-FI STEREO
410,000 PIXEL

CCD-VX3

Hi8



NEW

12 X 1 ZOOM • 3 CCD CHIP
PROGRAM AE • 1/10,000 SHUTTER
RC TIME CODE

TR-200

Hi8



\$828

8 X SUPER ZOOM
HI-FI STEREO
3 MODE PROGRAM AE
10 BIT AD CAMERA SYSTEM

FX-510



\$628

10 X 1 ZOOM • HI-FI STEREO
PROGRAM AE

TR-71



\$588

10 X 1 ZOOM • HI-FI STEREO
2 LUX • 3 MODE PROGRAM AE

TR-300.....\$1048

TR-81.....\$788

TR-31 NEW.\$568

FX-410



\$588

10 X 1 ZOOM • 2 LUX
1/4,000 SHUTTER
3 MODE PROGRAM AE

FX-710.....\$828

FX-420.....NEW

FX-520.....NEW

Canon

L-1 PRO

Hi8

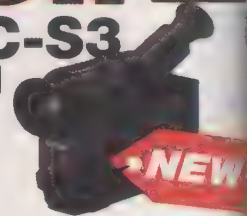


CALL

15 X 1 ZOOM • HI-FI STEREO
CHANGEABLE LENSES

UC-S3

Hi8



NEW

12 X 1 ZOOM • PROGRAM AE
DIGITAL EFFECTS

E-250



CALL

12 X 1 ZOOM • TWIN BEAM INF
1/10,000 SHUTTER • TITLER
CANON OPTICS

A-1 DIGITAL

Hi8



CALL

20 X 1 ZOOM • HI-FI STEREO
PROGRAM AE • DIGITAL EFFECTS

AUTHORIZED CANON DEALER

UC-20.....CALL

UC-S2.....CALL

UC-1 COLOR.CALL

E-65.....CALL

UC-S1.....CALL

E-210.....CALL

YASHICA SHARP

KX-V1

3 YR
WARRANTY



CALL

YASHICA OPTICS • 8 X SUPER ZOOM
3 MODE PROGRAM AE
10 BIT AD CAMERA SYSTEM
DIGITAL SUPERIMPOSER

VL-N1U



\$699

12 X ZOOM
2 LUX • 1/10,000 SHUTTER
AV FADE IN/OUT • NEURO AE

RICOH

AUTHORIZED DEALER

R-87H

Hi8



CALL

RICOH OPTICS • 8 X SUPER ZOOM
3 MODE PROGRAM AE
10 BIT AD CAMERA SYSTEM
DIGITAL SUPERIMPOSER

R-18H

Hi8



CALL

RICOH OPTICS • 10 X 1 ZOOM
RC TIME CODE • PROGRAM AE
• DIGITAL SUPERIMPOSER

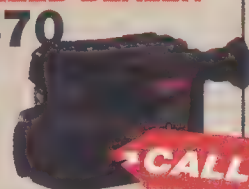
6 YR WARRANTY

RCA

AUTHORIZED DEALER

PRO-870

NEW



CALL

64 X 1 ZOOM • TITLER
1 LUX • 1/10,000 SHUTTER
INFRARED FOCUSING

MINOLTA

PRO 8-918

Hi8

2 CCD CHIP



CALL

MAXXUM OPTICS
8 X 1 ZOOM • 820,000 PIXEL
TITLER • 1/10,000 SHUTTER

HITACHI

VMH-38A

Hi8



CALL

64 X ZOOM • DIGITAL EIS
2 LUX • 470,000 PIXEL
SPECIAL EFFECTS
HIGH SPEED SHUTTER

VMH-39A

Hi8



CALL

64 X ZOOM • DIGITAL EIS
2 LUX • 470,000 PIXEL
SPECIAL EFFECTS
HIGH SPEED SHUTTER

VMSP1A.....CALL

VME-18A....CALL

VMS-8200A

SVHS



CALL

10 X 1 ZOOM • 40 PAGE TITLER
3 LUX • 1/10,000 SHUTTER

VME

5400



CALL

100 X 1 ZOOM • 2 LUX
SUPERIMPOSER TITLER

AUTHORIZED DEALER

VME-4400...CALL

VMS-8200....CALL

800-448-3738

Open 7 Days
9AM-11PM



In NY State 212-247-7606 • Overnight Delivery Guaranteed

JVC GRAX-33

R-SZ1 NEW VHS-C 8 X 1 ZOOM 1 LUX **\$1188**

NEW **\$548**

R-M3U.....\$548
R-M5U.....\$628
R-M7U.....\$698

GRSX-90.....\$788
GRAX-10.....\$548
GRAX-50.....\$698
GRAX-55.....\$748

Panasonic PV-42

20 X 1 ZOOM VHS-C 1 LUX EIS **\$788**

AccuGear AVH-1

250' DEPTH RATING
MAIN POWER ON/OFF
AUDIBLE INDICATOR
BEEP ANNOUNCEMENT
REPLACABLE ACCUTRONIC DOME PORT 1 YR GUARANTEE
4 X ASPHERICAL VIEWFINDER
START/STOP RECORD BUTTON **\$998**

Panasonic DIGITAL AV MIXERS

WJ-MX12 **\$1698**
FRAME SYNCHRONIZER
FREEZE FRAME
STROBE/PAINT
COLOR CORRECTOR

WJ-AVE 5 **\$1288**
FRAME SYNCHRONIZER
FREEZE FRAME
STROBE/PAINT
PIP

WJ-MX50 **\$488**
WJ-AVE3.....\$488
CALL FOR ALL OTHER PRICES

NEW G-455 \$1588

CAMERA'S
G-460 S-VHS...\$2699
G-450.....\$1148
G-190.....\$748
G-195.....CALL
V-D5100.....CALL
EW WV-F250.....CALL

VIDEO DECKS
G-1970
G-1960.....\$888
G-1740.....CALL
G-7450.....CALL
G-W1.....\$1698
EW AG-5700.....CALL

PV-IQ403

10 X 1 ZOOM VHS-C 1 LUX
COLOR VIEW VIDEO LIGHT **\$748**

AVH-22

250' DEPTH RATING
POWER ON/OFF
ZOOM CONTROL
BEEP ANNOUNCEMENT
4 X ASPHERICAL VIEWFINDER
START/STOP RECORD BUTTON
2 YR GUARANTEE **\$788**

PV-IQ303

10 X 1 ZOOM VHS-C 1 LUX
VIDEO LIGHT **\$648**

AVH-2

DEPTH RATING 250' **\$588**
FOR ALL SONY CAMERAS & EQUIVALENTS

NEW

PV-S62...\$1048
PV-IQ503.CALL
PVS-372.\$1148
PV-362.....\$828
PV-332.....\$698
FULL SIZE VHS
PVS-770...\$978
PV-760.....\$828
PV-750.....\$798
PV-800.....\$648
PV-810.....\$748

SHARP VL-62U

12 X 1 ZOOM • 0.5 LUX
1/10,000 • AUTO MACRO
AUTHORIZED DEALER
VL-380U...CALL
VL-72U.....CALL

Sima

PM-4 **\$78**
DC BATTERY CHARGER
CONDITIONER
ARGES 2 BATTERIES

PM-1 **\$28**
BATTERY QUICKCHARGER
ARGES 2 BATTERIES

SPM-3 **\$58**
COMPLETELY DISCHARGE
QUICKCHARGE IN ONE
CYCLE/AC/DC

SPM-2 **\$28**
BATTERY RECONDITIONER
AND TESTER

ScreenWriter **\$148**
RATED #1
• Superimpose titles on home videos
• Zooming, vertical and horizontal scrolling

PRO-EDIT1.....\$58 AVAILABLE IN PAL

VIDEONICS THUMBS UP VIDEO EDITOR

EDITMAKER S-VHS TITLER EDITOR **\$178**

TITLEMAKER **\$388**

VIDEO EQUALIZER...\$228
BOING BOX.....\$148
PROCESSOR PLUS...\$168
GRAPHIC LIBRARY...\$38
AVAILABLE IN PAL

NADY

151VR...\$138
151HT...\$178
351VR...\$188
49VR.....\$88
SBM-500 STEREO BOOM \$68

AMBICO V-6300

\$288
Edits 2 Videos
Fades/Wipes In Any Color
TBC/Genlock Compatible

SUNPAK

APT-200 Wireless Auto Pan Head 180° Tilt Multi direction AC/DC Operation **\$148**

SUNPAK
CV-AUTO 300...\$118
CV-300.....\$78
CV-20 SA.....\$78
CZ-200.....\$58
CZ-200A.....\$58
RL-20.....\$38
ALL LIGHTS INCLUDE BATTERIES & FLASHES

VE-100 OR VPC-10

WIRELESS MIKES
WMS-PRO...\$148
WHX-PRO...\$178
WR2-PRO...\$178
WMS-200...\$88
ECZ-990...\$78
ECZ-770...\$58
ECS-440...\$48
\$288
CALL FOR ALL AZDEN ACCESSORIES

CITIZEN LCD COLOR MONITOR

AVAILABLE IN PAL
M329 MKII...\$148
M938 3.8 in...\$248
T-470.....\$298
ALL ACCESSORIES IN STOCK

STEADICAM

AUTHORIZED DEALER
WORKS WITH CANON **\$468**
AVAILABLE IN PAL

JVC AVAILABLE IN PAL

JXS-V55 PRODUCTION CENTER **\$428**

JXT-88 VIDEO TITLER **\$298**

JXT-66 VIDEO TITLER **\$198**

JXS-900.....\$498
JXS-300.....\$228
MZ-707 MIC...\$138

CRYSTAL QUARTZ OPTICS

LIFETIME WARRANTY

WIDE ANGLE AF...\$148
2 X TELE.....\$138
3 X TELE.....\$188
4 X TELE.....\$248
5 X TELE.....\$278
12 X TELE.....\$598
2.0-5 X ZOOM...\$298
2.0-6 X ZOOM...\$388
FLIP LENSE.....\$88
TR LENSE KIT...\$188
AF FILTER KIT...\$69

OR EXCHANGE MAY BE MADE WITHIN 7 DAYS AFTER PRIOR AUTHORIZATION. ALL RETURNED MERCHANDISE MUST BE IN ORIGINAL NEW CONDITION AND MUST INCLUDE ALL PACKING AND WARRANTY CARDS. RETURNS ARE SUBJECT TO A 5% RE-STOCKING FEE. SHIPPING AND HANDLING NON-REFUNDABLE. UNDERWATER EQUIPMENT NON-REFUNDABLE. WE RESERVE THE RIGHT TO LIMIT QUANTITIES. THIS AD VALID FOR MONTH OF ISSUE. CUSTOMER SERVICE (212)247-5980 MONDAY THRU FRIDAY 9AM-5PM EASTERN TIME.

Willoughby's

NEXT DAY DELIVERY AVAILABLE!

I Will Not Be Undersold! If I Can't Beat Your Best Price, It's Yours FREE* Guaranteed!

8mm & Hi-8

5 YEAR WARRANTY AVAILABLE

E-65 8mm Camcorder W/8X Power Zoom

- Autofocus with Macro Zoom
- Correlated 2 Field Meter
- High Speed Shutter
- Wireless Remote
- Canon Optics

Call

Canonvision E-250 Call

Canonvision E-350 Call

CANON

L-1 Pro Hi-8 VL Mount System Fully Digital Camcorder

- EOS Adapter VL Allows the L1 to use Canon EF Lenses
- 450 Lines Hoz. Resolution
- 24 Zone Auto White Bal.
- Special Digital Effects

Call

Canon A-1 Digital Call

Canon UCS-2 Call

CANON

UCS3 Canovision Hi-8mm Camcorder

- 12X AF Zoom W/Hi-Fi Stereo
- Fuzzy Logic Focusing
- Digital Signal Proc.
- 2 Page Digital Tilt
- Wireless Remote
- Canon Optics

Call

UC20 10x Zoom Call

SHARP

VLWX7 TwinCam 8mm Camcorder

- 12:1 Zoom Twin Lenses
- Color Viewfinder
- Sports Viewfinder
- 7-Mode Programmed AE
- Detach. Wireless Remote
- Digital Tilt

Call

NEW

NIKON

VN-720 8mm Camcorder Hi Fi W/8X Zoom Lens

- Revolutionary New Rechargeable Battery
- New Docking System
- 1 Time Hook Up
- No Battery Memory Problems

Call

Latest Model!

NIKON

VN-750 Hi-8mm Camcorder Hi Fi W/10X Zoom Lens

- 10 Bit Signal Proc.
- High Speed Shutter
- Optical Image Stabilizer
- Program AE
- Special Digital Effects

Call

SONY

AUTHORIZED DEALER 1993

RICOH

R-18H Hi-8 Camcorder With 10X Zoom

- 10 Bit AD Camera System
- Program AE
- RC Time Code
- Digital Superimposer
- Rich Optics
- Hi-Speed Shutter

Call

FREE 6 YEAR WARRANTY

YASHICA

KXH-V1 Hi-8 Camcorder Hi-Fi W/8X Zoom Lens

- Revolutionary New Rechargeable Battery
- New Docking System
- 1 Time Hook Up
- No Battery Memory Problems

Call

\$899

MINOLTA

Master Pro 8-918 Hi-Band 8mm Professional Ultra Compact Design

- 2 CCD System For Hi-Signal
- Outline and Detail
- 6/8R Color Processing
- 6x Power Zoom W/Multi
- AFM HiFi Stereo
- A/V Fade Control

Call

Top Rated

MINOLTA

Master 8-848 Hi-Band 8mm Ultra Slim 8x Power Lens

- AFM Hi-Fi Stereo Sound
- Elec. Image Stabilization
- 6x Digital Enlargement
- 2 Lux Low Light
- Fuzzy Logic Control
- A/V Fade Control

Call

FUJIFILM

F122SW 8mm Camcorder W/12X Zoom & Color Viewfinder

- Super Wide Angle
- Multi Action Grip
- Menu Driven Controls
- 1.5 Lux Low Light Sens.
- 7 Speed Shutter
- Macro Auto Focus

Call

SONY

PRO-870 8mm Camcorder W/16X Power Zoom

- Artificial Intelligence
- 1 Lux Low Light
- High Speed Shutter
- Full Function Remote
- Easy Operation
- Character Generator

Call

HITACHI

VM-39A Hi-8 Camcorder W/Hi-Fi Stereo & 64X Digital Zoom

- 2 Lux Low Light
- Hi-Fi Stereo
- Revolutionary New Rechargeable Battery
- W/AI Fuzzy Logic
- Digital Filter
- Color Viewfinder

Call

WE CARRY PAL, SECAM & 110-220V EQUIPMENT-UNDER WATER HOUSING AVAILABLE

VHS-C

5 YEAR WARRANTY AVAILABLE

GR-AX33 Compact VHS Camcorder W/8X Power Zoom Lens

- Digital AI Artificial Intelligence
- 2 Lux Low Light Sensitivity
- Sport Viewfinder
- Rotary Function Selector

Call

JVC

GR-M5U Compact VHS Camcorder W/8X Power Zoom Lens

- Full Range AF System W/Macro
- 1 Lux Low Light Sensitivity
- Age Insertion •Cinema Mode
- Wireless Remote Control

Call

Panasonic

PV-372 Super VHS-C Video Camcorder

- 10X Power Zoom
- Hi-Fi Stereo
- 2 Lux Low Light
- High Speed Shutter
- 400 Line Resolution

Call

MINOLTA C-618 Call

Panasonic

PV10-403 VHS-C Camcorder W/10X Zoom & Color Viewfinder

- 5 color Enhancement Light
- 1 Lux Min. Illumination
- Color LCD Viewfinder
- Full Auto Operation
- 8 Func. Wireless Remote

Call

\$550

PANASONIC PV-10503 \$749

JVC

GR-SZ1 Super VHS-C Camcorder W/22x Power Zoom

- More Than 400 Line Res.
- 4-Program AE Modes
- Digital Special Effects
- Digital Image Stabilizer
- Built-in Editing Machine

Call

Panasonic

PV-42 Ultra Compact VHS-C Camcorder W/20X Zoom

- 1 Lux Low Light
- Digital Elec. Image Stab.
- Color Digital
- Automatic Tracking
- Wireless Remote

Call

\$820

Panasonic

PV-S62 Super VHS-C Compact Camcorder W/20X Zoom

- Super VHS Camcorder
- Hi-Fi Stereo Rec./Play
- Digital Image Stab.
- Automatic Tracking
- Wireless Remote

Call

\$1079

PANASONIC PV-52 New

Panasonic

PV-22 VHS-C Camcorder W/8X Power Zoom Lens

- Video Enhancer Light
- 1 Lux Min. Illumination
- High Resolution CCD
- Automatic Tracking
- Wireless Remote

Call

\$520

VHS

HITACHI

5400 VHS W/10X Zoom

- High Speed Shutter
- Video Light
- Wireless Remote Control
- Full Range Autofocus
- Auto head Cleaner

Call

Panasonic

PV-800 VHS Camcorder W/12X Zoom

- Full Range Autofocus
- Flying Eraser Head
- 1 Lux Low Light
- Switch Hitter
- High Speed Shutter

Call

\$500

PANASONIC PVS-810 Call

PANASONIC PVS-750 Call

PANASONIC PVS-770 Call

SHARP

VLL-72U VHS TwinCam Camcorder

- Dual Lens System
- Digital Special Effects
- Low Light Capability
- 1/10,000 Shutter Speed
- Audio Dubbing

Call

MAIL ORDER: **1-800-221-5020** FOR INFORMATION CALL: **212-790-1836**

110 WEST 32ND STREET, NEW YORK, NY 10001 STORE HOURS: Mon., Tues., Wed., Fri. & Sat. 9-7, Thurs. 9-8, Sun 10-6

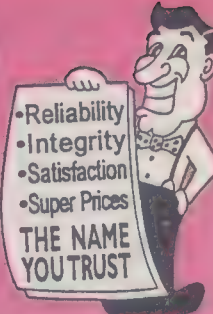
93 Years of

10 DAY MONEY BACK
GUARANTEE!

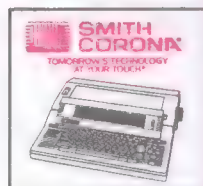
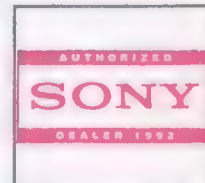
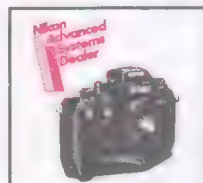
TO ORDER CALL:
1-800-221-5020

FOR INFORMATION &
CUSTOMER SERVICE
CALL: 212-790-1836

•Reliability
•Integrity
•Satisfaction
•Super Prices
THE NAME
YOU TRUST



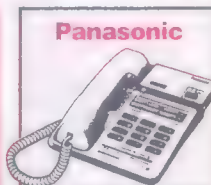
PROFESSIONAL -EQUIPMENT



SHOP WITH CONFIDENCE



10 DAY MONEY BACK GUARANTEE



FREE

Willoughby's Catalog

110 WEST 32ND STREET, NEW YORK, NY 10001

1. What products do you plan to buy in the next 12 months?

- ☐ VHS Video Cassette Recorder
- ☐ Camcorder
- ☐ Television
- ☐ Computer
- ☐ Laser Printer

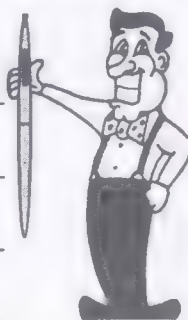
- ☐ Home Stereo System
- ☐ Portable Stereo
- ☐ 35mm SLR Camera
- ☐ 35mm Point & Shoot Camera
- ☐ Cellular Phone

Name _____

Address _____

City _____ State _____ Zip _____

Telephone Number () _____



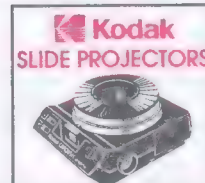
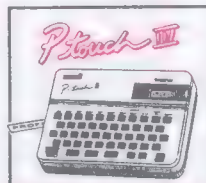
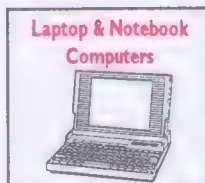
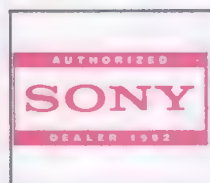
Cameras
Computers
Camcorders
Office Automation
Electronics
Audio Equipment
Cellular Phones
Telephones
VCR'S/TV'S
Darkroom
Film Developing

Willoughby's

NEXT DAY DELIVERY AVAILABLE!

I Will Not Be Undersold! If I Can't Beat Your Best Price, It's Yours FREE* Guaranteed!

mm:8 **Canon** E-65 8mm Camcorder **Canon** L-1 Pro Hi-8 VL Mount System **Canon** UCS3 Canovision Hi-8mm Camcorder **SHARP** VLMX7 Twincam 8mm Camcorder



SHOP WITH CONFIDENCE

10 DAY MONEY BACK GUARANTEE



For Your **FREE**
Willoughby's
Catalog,
Complete and
Return Today!

PLACE
STAMP
HERE



Willoughby's

110 WEST 32ND ST.,
NEW YORK, NY 10117-0798

93 Years of

10 DAY MONEY BACK
GUARANTEE!

TO ORDER CALL:
1-800-221-5020

FOR INFORMATION &
CUSTOMER SERVICE
CALL: 212-790-1836

•Reliability
•Integrity
•Satisfaction
•Super Prices
THE NAME
YOU TRUST



PROFESSIONAL -EQUIPMENT

Panasonic WJ-MX12 Digital Audio Video Mixer *Special Effects-Mosaic, Paint Still Strobe *Built-In Frame Synchronizer *Color Correction, Superimpose *Fade Function, Video Title *Programmable Memory Call	Panasonic WJ-AVE5 Digital Audio Video Mixer *Special Effects-Mosaic, Paint Still Strobe *58 Wipe Patterns & Joystick Positioner *Built-In Digital Synchronizer *Fade Function, Video Title *Digital Memories Call	Panasonic AG-195 Pro 30X Digital Zoom S-VHS Camcorder *Digital Special Effects *Edit Equipment Compatible *Audio/Video Fade *Video Light Call For Details	Panasonic AG-1970 Professional Multi Function S-VHS Cassette Editing System *Super S-VHS Resolution *Advance Picture Technology *Color Level Control *On Screen Display Call For Details	Panasonic AG-455 Pro 12X Zoom S-VHS W/ On Screen Display Pro Camcorder *3 High Speed Shutter *Digital Zoom Function *Fade In/Out Call For Details	Panasonic AG-W1 VHS World Wide Video Recorder W/ Hi-Fi Stereo *PAL, SECAM, NTSC *Front A/V Inputs *Editing Functions Call
---	---	--	---	---	---

YES WE CARRY A COMPLETE LINE OF VCR'S & LASER DISC PLAYERS

VIDEO EQUIPMENT/ACCESSORIES

AZEN WHS-PRO\$138 WHX-PRO\$178 WHS-200\$88 ECZ-770\$78 ECZ-660\$48 ECZ-330\$34	SIMO SPM-1 CIGARETTE CHARGER SPM-2 RECONDITIONER/DISCHARGER YOUR CHOICE \$34 SPM-3 AC/DC DISCHARGER & QUICKCHARGER\$64 SPM-4 2 BATT. QUICKCHARGER & DISCHARGER\$78	TAPE CORNER TDK Hi-8 MP120 ...\$6.99 TDK 8mm MP120 ...\$3.59 TDK VHS-C TC-30 ...\$3.99 TDK VHS HST-120 ...\$2.59 SONY HMP-120\$7.59 SONY MP-120\$4.29 POLAROID VHS T-120 ...\$2.39 JVC TC-20\$3.09 GE T-120 Hi-Fi\$1.99 (SOLD IN BOXES OF 10)	SUNPAK APT-200 WIRELESS AUTO PAN HEAD *180° TILT *MULTI-DIRECTION *AC/DC OPERATION CV-300 AUTO\$114 CV-300\$75 CV-20SA\$69 CZ-200\$55 CV-20S\$48 RL-20\$36 ALL LIGHTS INCLUDE BATTERY & CHARGER	TELEPHOTO 1.5 TELEPHOTO .5 W/A ...\$68 2X TELEPHOTO .42 W/A ...\$98 3X TELEPHOTO\$128 4X TELEPHOTO\$248 5X TELEPHOTO\$278 2-6X TELEPHOTO\$388 AF FILTER KIT\$68
AZEN VE-100 Editor ...\$279 VPC-10 Video Prod. Center ...\$279	SIMO SCREENWRITER VIDEO MOVIE CHARACTER GENERATOR Superimpose Titles On Home Videos, Zooming, Vertical & Horizontal Scrolling. \$188	VIDEO THUMBS UP\$168 TITLEMAKERCall EDITMAKERCall VIDEO EQUALIZER\$229 BOING BOX\$129 PROCESSOR PLUS ...\$168 ALSO AVAILABLE IN PAL SYSTEM	CITIZEN M329 MKII COLOR MONITOR *LIGHTWEIGHT *CONNECT TO ALL VIDEOCAMERAS *2.9", 2 OUTS \$148	VIDEO *MOUNTING PLATE ASSEMBLY *ERGONOMIC INTER-GIMBALED HANDLE *3 1/4" HIGH INTENSITY MONOCHROME MONITOR *SOFT TOUCH PAUSE SWITCH *OBIE' LIGHT ADDS LIFE TO SUBJECT'S EYES AND FLESH TONES \$448
NADY 151VR\$135 151 HT\$165 351 VR\$178 49 VR\$78 SBM-500\$64	SIMO FX Video PRO Ed/It 4 Complete Creative Editing Center. 100+ Wipe Patterns-Stop, Stereo Sound Mixer. 2 in/2 out. Call Pro Ed/It 2\$85 Pro Ed/It 3\$165	JVC JZXV55 S-VHS PRODUCTION CENTER *WIPES COLOR ENHANCEMENT *2 IN, 2 OUTS *S-VHS FORMAT JVC JXT88\$298	VIDEO HUGE SELECTION OF HIGH QUALITY VIDEO TRIPODS FROM *BOGEN *VELBON *SLIK *GOLD COAST *FLUID HEAD TRIPODS AVAILABLE	

CALL FOR THE LOWEST PRICES ON BATTERIES, TRIPODS & VIDEO CAMERA BAGS

24 HOUR FAX ORDERS
DIAL: 212-790-1890

WILL BEAT OTHER AUTHORIZED DEALER'S PRICES WITHIN 3 DAYS OF AD-PRINTED PROOF REQUIRED. BEST PRICE OFFER DOESN'T INCLUDE DEMOS, DISCON. MERCH. OR ITEMS SOLD IN LIMITED QUANTITY. RETURN OR EXCHANGE MAY BE MADE WITHIN 10 DAYS OF RECEIPT AFTER PRIOR AUTHORIZATION. ALL MERCHANDISE MUST BE IN ORIGINAL NEW CONDITION AND MUST INCLUDE ALL PACKAGING AND BLANK WARRANTY CARDS. RETURNS ARE SUBJECT TO A 5% RESTOCKING FEE. SHIPPING & HANDLING ARE NON-REFUNDABLE. THIS AD VALID FOR MONTH OF ISSUE.

ALL MAJOR
CREDIT CARDS
ACCEPTED

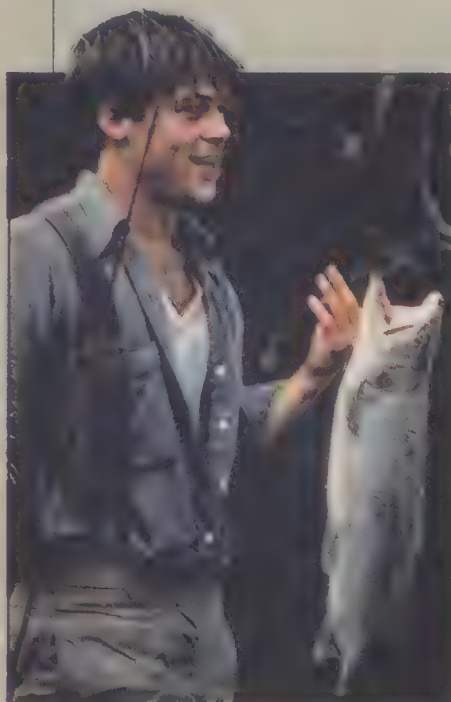


110 WEST 32ND STREET, NEW YORK, NY 10001 STORE HOURS: Mon., Tues., Wed., Fri. & Sat. 9-7, Thurs. 9-8, Sun 10-6

Circle 27 on Reader Service Card.

TAPES & DISCS

N E W R E L E A S E S



Fish Story: Brad Pitt elevates the sport of fly fishing to high art in *A River Runs Through It*.

FEATURE FILMS

A River Runs Through It

1992. Craig Sheffer, Brad Pitt, Tom Skerritt; dir. Robert Redford. Hi-fi surround, cc. (PG) 124 min. priced for rental. LD letterboxed \$39.95. Columbia TriStar.

Norman Maclean's autobiographical novella *A River Runs Through It* tells of his Montana family in the first part of this century. Robert Redford's film version is his best piece of direction to date, a tightly controlled and quietly perceptive expression of family life and his concern for what we have lost in the name of progress.

The Maclean brothers, Norman (Craig Sheffer) and Paul (Brad Pitt), learn reading, religion and fly fishing,

not necessarily in that order, from their minister father (Tom Skerritt). While Norman grows up serious and studious, Paul becomes an artist with the rod and reel. But Paul's determination to prove himself tougher than anyone is getting him into trouble, especially with gambling and drinking. And his unresolved rivalry with his brother keeps him from accepting Norman's help.

Redford transports us into "a world with dew still on it," a land that is still nearly wilderness, captured beautifully in the Oscar-winning photography of Philippe Rousselot. The setting, and the tenderly observed details of family life, mitigate against melodrama in favor of something quieter. The acting is mostly fine, with Pitt, in the role every young actor in Hollywood was frantic for, as the obvious centerpiece. And if the fina-

le seems calculated to reduce the audience to amorphous glop, the emotion has been honestly earned.

The photography, with its fine play of light and shadow, has been served surprisingly well by the tape. A letterboxed disc is forthcoming, but the proposed Criterion edition has been canceled.

—Sol Louis Siegel

Glengarry Glen Ross

1992. Al Pacino, Jack Lemmon, Alec Baldwin; dir. James Foley. Hi-fi stereo. (R) 100 min. \$94.98. LD letterboxed or pan-and-scan \$34.95. LIVE.

For whatever reasons, movies with a surplus of creative talent often fail to live up to their potentials. That's not the case with *Glengarry Glen Ross*, adapted from David Mamet's Pulitzer Prize-winning play about a group of salesmen desperately fighting to hold onto their soul-killing jobs pushing worthless real estate.

Times are tough, and the office is told that whoever sells the least this month will be out of a job. Hotshot Ricky Roma (Al Pacino) isn't worried. Not only is he the office's top salesman, but by virtue of that position he gets the best leads. Less secure, Dave Moss (Ed

Save the Tiger: *Glengarry Glen Ross* salesman Shelley Levene (Jack Lemmon) hangs on by a thread.



EDITOR'S CHOICE



kenneth korman



Age of Discovery: Polly Walker and company find their true selves during one *Enchanted April*.

Harris) hatches a vengeful scheme against the firm and tries to talk his partner George Aaronow (Alan Arkin) into joining him. Hardest hit is Shelley "The Machine" Levene (Jack Lemmon), once the office star but now riding a long luckless streak. As the one with the most to lose, he's willing to resort to the most desperate measures.

Even more than Mamet's other plays, *Glengarry Glen Ross* is known for its rapid-fire dialog—idiomatic, comically profane and precise, with no leeway for improvisation. It's a talky play, but one that invites the viewer to luxuriate in its language. And this ensemble cast (which also includes Alec Baldwin, Kevin Spacey and Jonathan Pryce) makes the most of it, wringing the juices out of Mamet's bitter dissection of the soullessness of selling. —M. Faust

Enchanted April

1992. Joan Plowright, Miranda Richardson; dir. Mike Newell. Hi-fi stereo, cc. (PG) 93 min. priced for rental. LD \$34.95. Paramount.

Hollywood may be unable to provide worthy parts for actresses, but on the basis of recent evidence, the British film industry has no such problem. Like *Howards End* and *Where Angels Fear to Tread*, *Enchanted April* is bursting with marvelous female characters, and fills them with a quartet of exceptional actresses.

The similarity to those and other

E.M. Forster stories doesn't end there. Adapted from the novel by Elizabeth von Arnim, a contemporary of Forster's, *Enchanted April* stars Miranda Richardson, Josie Lawrence, Polly Walker and Joan Plowright as four strangers who agree to share a secluded Italian castle for the month of April. Away from the stifling demands of British propriety, they come to see where their lives went astray, and realize that it is within their power to be happy again.

Even the male characters, husbands of two of the women, are revitalized when they reluctantly come to visit. (In smaller roles, Alfred Molina and Jim Broadbent hold their own with the female stars.) Director Mike Newell makes the most of a gorgeous setting, the same Portofino castle that inspired von Arnim's book. Less ambitious than Forster's tales, *Enchanted April* is a delightful fable without a mean moment in it. —MF

Trespass

1992. Ice T, Ice Cube, Bill Paxton; dir. Walter Hill. Hi-fi surround. (R) 101 min. priced for rental. LD \$34.98. MCA/Universal.

Originally called *Looters*, *Trespass* was retitled and its theatrical release delayed last year, reportedly to avoid provoking audiences in the wake of the Los Angeles riots. In retrospect, it's hard to see the concern. A mindless orgy of guns



Life Imitates Art: The release of *Trespass* was delayed last year due to the Los Angeles riots.

and bombs, Walter Hill's actionfest pits black against white, but there's virtually no political content, with both sides portrayed as unsympathetic cartoon characters. While the director displayed a flair for similar hard-boiled material in *48 HRS.* and *The Warriors*, this time he comes up short.

In fairness, Hill's stuck with a pretty

So many "special edition" tapes and discs flood stores these days, it's easy to become blasé about yet another new and improved home video. But don't let that keep you from seeing **Blade Runner: The Director's Cut** (Warner, VHS \$39.99). Though it seemed a masterpiece in its original form, *Blade Runner* now moves even closer to perfection. While most special editions rely on new footage, this film has been enhanced largely by the omission of familiar elements.

Shortly before its theatrical release in 1982, *Blade Runner* was tested before preview audiences expecting another lighthearted Harrison Ford adventure, like *Raiders of the Lost Ark*. After a lukewarm response, those who backed the expensive production pushed to soften director Ridley Scott's disturbing vision of a future gone terribly wrong. One short dream sequence was deleted, and lengthy narration and a happy ending were added before its release. The *Director's Cut*, which played in 150 theaters last year, restores *Blade Runner* to its pre-release form.

Minus the extraneous narration and ending, the movie's many strengths come to the fore. Its unique rhythm and feel can be savored without distraction, and the still-unsurpassed special effects, set designs and cinematography appear more spellbinding than ever. The dream sequence, which links to the final scene of the *Director's Cut*, adds another layer of mystery and meaning.

The video release also marks the first time any version of the film has been available letterboxed on cassette. Despite its much-reduced picture area, the new transfer works fine on VHS. A fair comparison with Criterion's disc-only letterboxed transfer of the original-release version won't be possible until Warner's \$49.98 CAV laser *Director's Cut* arrives this summer. Barring disaster, the new disc should stand as the year's most indispensable video release. ■



Blade Runner

implausible premise. Two Arkansas firemen (Bill Paxton and William Sadler) search for stolen gold in an abandoned building in East St. Louis, where they run afoul of a savage crimelord (Ice T) and his trigger-happy henchmen (Ice Cube, et al.). After the country boys take refuge in a nearly impregnable room, the gangsters mount a deadly siege. However, there's little tension in the long standoff, which climaxes in carnage, of course. All concerned struggle valiantly with overheated dialog, though rappers Ice T and Ice Cube both play villains more convincingly on their records. *Trespass* proves that brutality can be bland.

—Jon Young

The Distinguished Gentleman

1992. Eddie Murphy, Charles S. Dutton; dir. Jonathan Lynn. Hi-fi stereo. (R) 112 min. \$94.95. LD \$39.99. Hollywood Pictures.

If *The Distinguished Gentleman* marks an upturn in Eddie Murphy's creative fortunes, that's more a reflection of his recent career doldrums than the sign of a genuine artistic triumph. A mild-mannered comedy with aspirations to political satire, this rambling farce chronicles the exploits of Jeff Johnson (Murphy), a

Frank Capra would have applauded his spirit, however lukewarm the results.

The leisurely style of director Jonathan Lynn, which suited *My Cousin Vinny* nicely, wastes the energetic leading man and underscores the predictability of the plot. While Murphy's still got the best laugh in movies and brilliantly mimics everyone from Jewish geriatrics to pretentious intellectuals, even he can't jumpstart this creaky star vehicle all alone. Ironically, there's a first-rate supporting cast including James Garner, Joe Don Baker, Grant Shaud, Charles Dutton and Sheryl Lee Ralph, but they're kept in the background while the hero basks in the spotlight. Eddie Murphy remains a prisoner of his own success.

—JY

The Adjuster

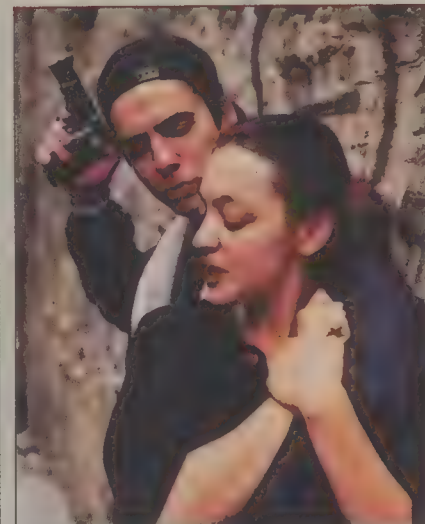
1991. Elias Koteas, Arsinee Khanjian, Maury Chaykin; wr./dir. Atom Egoyan. Hi-fi stereo. (R) 102 min. \$79.98. Orion.

Noah (Elias Koteas), the title character of *The Adjuster*, is an insurance man who gives all of himself to his burned-out clients, though these relationships end when their claims are settled. He isn't nearly as intimate with his wife Hera (Arsinee Khanjian), a government censor. Isolated from each other, they also live isolated from the world in the sample home of an unfinished development. The world's malaise finds them anyway, in the person of Bubba (Maury Chaykin), a rich game-player working on his ultimate fantasy.

The Canadian director Atom Egoyan makes movies that entertain by their very pretentiousness. His black comedies of modern people trapped in their own little worlds are full of portents, ironies, enigmas and hidden meanings. I don't think he communicates as much as he thinks he does—but then again, neither do his characters. His deceptively cool and clinical style is certainly unique, and his sense of how people isolate themselves through the very rituals that are supposed to bring them closer improves with each new film.

The tape, unfortunately, is the most obviously panned-and-scanned I've seen in a while. Since it may be a long wait for a letterboxed disc, you'll just have to make the mental adjustments as you go along. A big compensation is that the complex, insinuating soundtrack is very nicely reproduced.

—SLS



Livin' for the City: Nick Gomez's *Laws of Gravity*.

Laws of Gravity

1992. Adam Trese, Peter Greene; dir. Nick Gomez. Hi-fi mono. (R) 100 min. \$89.95. Triboro.

While independent filmmakers with tiny budgets generally deserve the benefit of the doubt, Nick Gomez requires no special consideration: The writer-director of *Laws of Gravity* has crafted a stark, arresting drama about urban losers and the damage they do. In the tradition of Martin Scorsese's *Mean Streets*, this lively tale follows the daily rounds of petty criminals Jimmy (Peter Greene) and Jon (Adam Trese, who could pass for Tom Cruise's dumber brother). Happily married to the level-headed Denise (Eddie Falco), Jimmy makes a token stab at leading a stable existence, but Jon screws up constantly, whether hitting his girlfriend Celia (Arabella Field) or incurring the wrath of the law for minor offenses. Enter a gun dealer (Paul Schuize) with a short fuse, and lives on the brink tumble into the abyss. Between the raw, energetic acting and low-tech camera work, *Laws of Gravity* has the immediacy of an electric shock.

—JY

The Man Who Fell to Earth

1976. David Bowie, Buck Henry; dir. Nicolas Roeg. Digital stereo. (NR) 139 min. CAV 3 sides/CLV 1 side. \$99.98. Criterion.

The Man Who Fell to Earth is Thomas Jerome Newton (David Bowie),



Capitol Crime: *Distinguished Gentleman* Eddie Murphy takes his comedy act to the U.S. Congress.

scam artist who gets elected to Congress through a combination of luck and fraud. Though he plans on cashing in like other government crooks, Johnson changes his tune after seeing the consequences of official corruption and sets out to expose the entrenched powers.

■ refugee from ■ dying planet who attempts to parlay his advanced scientific knowledge into the capital necessary to rescue his stranded family. But Newton succeeds only in piquing the "interest" of the most sinister power brokers on this side of the ozone layer. Ultimately broken, he loses himself in a lost light-year of alcoholic haze.

Earth is almost magnificent in the scope of its failure: Director Nicolas Roeg's layered approach to storytelling (used brilliantly in earlier films like *Performance*, *Walkabout* and *Don't Look Now*) inverts what should be a tense thriller into ■ swampy sci-fi pudding. Bowie's stoned and fragile presence is a dramatic black hole, while intriguing performances by Rip Torn, Candy Clark and Buck Henry simply drift in the zero-gravity storyline.

On the plus side, Criterion presents a stunning letterboxed transfer of the film in its original European cut (the U.S. theatrical release was trimmed by some 20 minutes) and scads of supplementary material, including an analog audio track pairing Roeg and Bowie in a jocular commentary reminiscent of *Mystery Science Theater*. To their credit, Roeg and Bowie don't shy away from detailing the film's weaknesses, thus taking advantage of a second chance to tell the story *The Man Who Fell to Earth* was intended to convey. —John Walker

Space Oddity:

With a little extra make-up, David Bowie becomes *The Man Who Fell to Earth*.



Call It Home: The House That Private Enterprise Built

1992. Pr. Keller Easterling, Richard Prelinger. Digital mono. (NR) 56 min. CAV 2 sides. \$49.95. Voyager.

Television Toys: Commercials From the '50s and '60s

1992. Pr. Ira Gallen. Digital mono. (NR) 108 min. CLV 2 sides. \$49.95. Voyager.

The American Dream is one of those mythologies that's subject to interpretation. Ask a Haitian immigrant and a Wall Street investor for their definitions, and you'll get two very different replies. But the post-World War II years probably offered the most seductive vision of the American way of life—every man a king, complete with his own castle and plentiful leisure.

That dream is dispassionately re-enacted on these two interactive discs from Voyager. *Call It Home* is an elaborate visual essay on the creation of suburbia, the sparkling bedroom communities that symbolized progress and modernity. As you step through it, you're moved by the nobility of the idea—a home for everyone, with parks and back yards, good schools and jobs, cars in the garage and apple pie cooling on the win-

dow ledge. It's not for nothing that these images are still powerful political signifiers to this day.

Television Toys takes the nostalgia further, and is the dark underside of *Call It Home*. Hidden beneath the cheery exhortations of "Hey kids!..." are the none-too-subtle messages of conformity



and envy that make for a good mass market. To watch these commercials is to witness the genesis of the violence, sexism and mindless consumption that grown-up baby boomers are now trying to live down.

Whether intended or not, these discs serve as both a celebration and critique of the capitalist system. Together, they make for a compelling history lesson which should be required viewing in every high-school civics class.

—Ron Goldberg

The Man Who Came to Dinner

1942. B&W. Monty Woolley, Bette Davis; dir. William Keighley. Digital mono. (NR) 113 min. \$34.98. MGM/UA.

Author and radio personality Sheridan Whiteside is a man of charm. When his hostess prepares calf's-foot jelly for him, his gracious response is: "Made from your own foot, I have no doubt." Whiteside (Monty Woolley) then proceeds to wrap his nurse around his little finger by dubbing her "Miss Stomach Pump," and endear himself to the rest of the household by declaring, "Dr. Bradley is the greatest living argument for mercy killing."

But the medical staff are necessary, because Whiteside is *The Man Who Came to Dinner* and never left, thanks to

■ tumble on the ice outside his host's home. This guest is devilishly nasty—and positively hilarious: Thanks to the acid-tongued Broadway play from George S. Kaufman and Moss Hart, and breakneck pacing from director William Keighley (*The Adventures of Robin Hood*), the one-liners never stop.

When Whiteside's secretary (Bette Davis, a.k.a. "Little Miss Vitriol") falls for a local yokel, the boss's machinations bring actress Lorraine Sheldon (Ann Sheridan, or the "Countess de Cynide")—and her histrionics—to Mesalia, Ohio. Then comes the womanizing Banjo (Jimmy Durante). Then it *really* gets interesting...

This good-looking disc could not be recommended more highly. But be careful: You'll laugh so hard you could need medical attention.

—April P. Bernard



Body of Evidence:

The plot thickens once again with *JFK: The Director's Cut*.

CLASSICS

Laura

1944. B&W. Dana Andrews, Gene Tierney, Clifton Webb, Vincent Price; dir. Otto Preminger. (NR) 88 min. \$19.95. FoxVideo.

FoxVideo's Studio Classic series has hit its stride with this long-awaited reissue. *Laura* is uncut on videocassette for the first time here, and the three minutes of restored footage contain vital psychological information on a key character. The new VHS edition uses the same transfer as the 1991 laserdisc, and this works to its advantage—the Oscar-winning cinematography is presented with acceptable sharpness and above average contrast, and the sound is clean and clear.

The movie holds up admirably after a half-century. Laura Hunt (Gene Tierney) is a top New York advertising executive who has (apparently) been murdered. She becomes the object of obsession for tough cop Dana Andrews, who hunts for the killer and finds himself caught in a bizarre love triangle with "eccentric" writer Clifton Webb.

Tierney just puts across the haunting beauty of the title character, and Andrews was at his best as the tough, occasionally sadistic detective. Webb achieved stardom with a difficult role.

David Raksin's title theme is justifiably one of the world's most recorded pieces of popular music, and the decadent upper-class 1940's New York setting is nearly as intoxicating as the soundtrack. The reissue trailer (which does not appear on the laserdisc) is a nice bonus: Apart from being one of the better-edited trailers of its era, it gives yet another run-through of that title theme.

—BE



Hell on Wheels: Monty Woolley (left) is *The Man Who Came to Dinner*—and breakfast, and lunch...

JFK: The Director's Cut

1992. Kevin Costner, Tommy Lee Jones; dir. Oliver Stone. Digital surround, letterboxed, cc. Also included: *Beyond JFK—The Question of Conspiracy*. (R) 206 min. 10 sides: 8 CAV, 2 CLV. \$149.98. Warner.

Oliver Stone's *JFK* is now available in a special limited-edition boxed set that serves up an additional 17 minutes of footage as well as a supplemental documentary titled *Beyond JFK—The Question of Conspiracy*. Some may say, "Great. Seventeen extra minutes of hearsay!" And in truth, *JFK* would benefit from a trim, even if you buy most of Stone's conspiracy premise. But this CAV laserdisc allows those who accept the film for what it is—a kitchen sink compendium of every *JFK* conspiracy theory from the past 30 years—to enjoy

the many near-subliminal tidbits that permeate Stone's work. Details like a split-second view of accused conspirator Clay Shaw watching from a distance as Oswald scraps with Cuban nationals in New Orleans, or a fellow who looks suspiciously like Guy Bannister giving orders at Kennedy's autopsy, will afford chills you may have missed during the film's theatrical run.

The supplement program, *Beyond JFK—The Question of Conspiracy*, looks more like an infomercial for *JFK* than a hard-hitting documentary, but it does have interesting footage of the real-life characters who populate the movie, and to its credit, presents a fairly balanced selection of viewpoints.

—JW

The Uninvited

1944. B&W. Ray Milland, Ruth Hussey; dir. Lewis Allen. Digital mono. (NR) 99 min. CLV 2 sides. \$34.95. MCA/Universal.

The Uninvited is a miraculously fine ghost story that mixes terror, eroticism, humor, guilt and romance in a manner extraordinary for its era. Ray Milland and sister Ruth Hussey learn that their Cornish mansion is haunted by the ghosts of two women (which, fortunately, never "appear" on screen). This phenomenon is somehow linked to a neighbor (Gail Russell) and her mother, who died three years before. Director Lewis Allen handled this delicate story of murder and madness with unusual restraint, creating a movie similar to—and, in some ways, better than—Hitchcock's classic *Rebecca*.

MCA's Encore Edition disc is good but unexceptional, with a blemish-free (though sometimes too grainy) transfer and an analog track louder than its digital track. The disc's appeal lies with the movie itself—its focus on the dark side of romance and family relations nearly shifts it into the film noir category. Russell is a haunting ingenue, and Donald Crisp gives one of his best performances as her tormented grandfather.

—Bruce Eder

SPECIAL INTEREST

Kurt Vonnegut's Monkey House

1992. Len Cariou, Frank Langella; dirs. Allan King, Paul Shapiro, Gilbert Shilton, Wayne Tourell. Hi-fi mono, cc. (NR) 100 min. \$79.95. Pacific Arts.

Culled from a seven-episode series that debuted on the Showtime cable service last year, this anthology of four mini-movies adapted from Vonnegut's short fiction is a remarkably satisfying showcase of the author's early work.

Each of the episodes is built around a single, out-of-the-ordinary concept, such as a black box that transmits a numbing euphoria, or a woman kept alive as all her body parts below her neck are converted into machinery. The source material, written before Vonnegut developed his trademark singsong, is translated into provocative video explorations of each situation.

The best of the four stories has a U.S. ambassador (Len Cariou) held hostage by communist guerrillas in an unnamed country and forced to play a game of chess to win freedom for himself and his fellow hostages. The catch is that the ambassador's pieces are actually him and the other prisoners, including his wife and son; each time he loses a piece, that player is taken out and shot. Updated nicely from a 40-year-old story, the disturbing episode makes you wonder whether the right side won the Cold War.

Monkey House—introduced by Vonnegut in a non-sinister Rod Serling-type role—indicates that the author would have made a mean contributor to *The Twilight Zone*. —George Mannes

How to Irritate People

1968. John Cleese, Graham Chapman, Michael Palin, Connie Booth; dir. Ian Fordyce. Hi-fi mono. (NR) 65 min. \$19.95. White Star.

Monty Python's *Flying Circus* archivists will be thrilled with this discovery, a little-seen 1968 TV collection of pre-Python Pythonesque sketches. Generally more straightforward and less zany than those of the *Flying Circus*, these bits are all introduced by host Cleese in the deadpan manner of a typical "how to" guide. The targets include parents who

talk while you're trying to watch TV, insufferably polite boyfriends and groveling waiters.

The spots themselves are uneven, ranging from very funny to dull, but there are some amazing curiosities: the prototype for the famous "Dead Parrot" sketch (this time, a man tries to return an obviously faulty car instead of an obviously dead parrot), the first appearance of the shrill pepperpot-shaped women (played by men in drag) and a weirdly funny job interview sketch that was revived, recast and redone almost verbatim in the *Python* show itself.

Through it all, Cleese acts as a commentator, mocking the self-help industry with the aplomb of a man who would later transform suppressed rage and passive aggression into a hilarious art form. *How to Irritate People* may not be top-notch comedy, but it is a wonderful look at genius in the making. —Tom Soter

Twisted Toons: The Warped Animation of Bill Plympton

1993. Pr. Anthony Arcidi. Hi-fi mono. (NR) 60 min. \$29.95. Renegade Films (508-371-1916).

In the era of high-tech animation, cartoonist Bill Plympton has penciled a niche for himself as MTV's raw "alternative" animator. *Twisted Toons* is a charmingly unpretentious documentary about Plympton and the making of his feature *The Tune*, as well as an excellent introduction to the artist's traditional, hand-drawn animation technique. There's

nary a Macintosh in sight as Plympton animates his elastic-faced characters the old-fashioned way. Going beyond technique, *Twisted Toons* is also a pleasant primer on the business of animation, and should inspire anyone who ever had a pencil, a mound of tracing paper and a dream. —JW



A Journey to Spirit Island

1992. Bettina, Brandon Douglas; dir. Laszlo Pal. Hi-fi stereo. (PG) 93 min. \$89.95. Academy Storyline.

You'd be hard pressed to find a more politically correct family film than this one, in which a strong female protagonist and her friends fight to preserve a Native American burial ground from the encroachment of evil land developers. You'd also be lucky to find a film that succeeds better as true all-ages entertainment.

The young cast shines, especially Bettina as the Indian teen-ager and Brandon Douglas as the visiting city boy who helps her appreciate her near-mystical powers. They're likable, believable teens caught up in an adventure that has its share of genuine suspense without resorting to shock tactics.

As filmed by Vilmos Zsigmond, who worked on *Close Encounters of the Third Kind*, the film has an extra bonus in its beautiful Pacific Northwestern scenery, a far cry from the cheesy production values seen in the kid movie matinees of our youth. —Marianne Meyer



Re-Animator:
Bill Plympton creates cartoons like this one the old-fashioned way—by hand.

DIRECTORY

HIGHLIGHTS OF THE MONTH

The Cartoons That Time Forgot

1993 comp. B&W/color. 7 vols. '30s toons—five volumes from independent producer Ub Iwerks, two from the Van Beuren Studios—with Flip the Frog, Molly Moo Cow, Willie Whopper and even a 1934 Aladdin. Mono. 73-80 min. each. VHS only, \$24.95 each. Kino (800-562-3330).

Flirting

1992. Noah Taylor, Thandie Newton, Nicole Kidman; dir. John Duigan. Critics were charmed by this Aussie drama of interracial romance between a Sartre-worshipping prep-schooler and a South African free spirit. Surround, cc. (NR) 99 min. VHS \$94.95. LD \$34.95. Vidmark.

The Graduate

1967. Dustin Hoffman, Anne Bancroft, Katharine Ross; dir. Mike Nichols. Here's to the 25th-anniversary edition, with extras. Mono, letterboxed. (R) 107 min. LD \$39.99. New Line.

The Honeymooners

1955-56. B&W. 10 vols. A Kramden collec-



tor's dream: all 39 full-length episodes, with the final 10 volumes available in October. Mono. Approx. 60 min. each. VHS only, Vol. 1 \$5.98, subsequent volumes \$9.98 each. CBS.

Hugh Hefner: Once Upon a Time

1992. Nar. James Coburn; dir. Robert Heath. Compelling portrait of the quintessential playboy, produced by *Twin Peaks* co-creators David Lynch and Mark Frost. Stereo. (NR) 91 min. VHS \$89.95. LD \$34.99. Uni/Image Entertainment.

Intervista

1993. Marcello Mastroianni, Anita Ekberg; wr./dir. Federico Fellini. Film-within-a-film

Smokin' in the Boys Room:

Hugh Hefner: *Once Upon a Time* reveals the Hef of yesteryear.

premise celebrates the magic of the movies. Mono, subtitled. (NR) 108 min. VHS only, \$89.95. Triboro.

Little Big Man

1970. Dustin Hoffman, Faye Dunaway, Martin Balsam; dir. Arthur Penn. 121-year-old Jack Crabb spins a colorful yarn of his past: Indian fighter, friend to Buffalo Bill, survivor of Custer's last stand and more. Mono, cc. (PG) 149 min. LD \$69.98. Fox-Video.

Nothing Sacred

1937. B&W. Carole Lombard, Fredric March; dir. William Wellman. Another Ben Hecht treat: Reporter exploits small-town girl's imminent death. With shorts *Campus Vamp* and *Matchmaking Mama*, plus home movies of Lombard and husband Clark Gable. Mono. (NR) 75 min. plus supplements. LD \$39.95. Lumivision (800-776-LUMI).

On Moonlight Bay

1951. Doris Day, Gordon MacRae; dir. Roy del Ruth. A turn-of-the-century musical romance, chock full of the standards, for sentimental fools (like myself). Also released: the 1953 sequel, *By the Light of the Silvery Moon*. Mono. (NR) 95 min. VHS, Beta \$59.99. Warner.

Pavarotti & Friends

1993. The "friends" include Sting, Zucchero, Bob Geldof, Lucio Dalla and Suzanne Vega, in a charity concert from Pavarotti's Italian hometown of Modena. Stereo. 70 min. VHS \$29.95. LD \$34.95. PolyGram.

Pride and Prejudice

1940. B&W. Greer Garson, Laurence Olivier, Mary Boland, Edmund Gwenn; dir. Robert Z. Leonard. Sparkling tale of five sisters in need of five eligible gentlemen (in possession of a large fortune). Mono. (NR) 118 min. LD \$34.98. MGM/UA.

Swoon

1992. B&W. Daniel Schlachet, Craig Chester; dir. Tom Kalin. Stylish, acclaimed first outing for director Tom Kalin recounts the Leopold and Loeb story. Stereo. (NR) 95 min. VHS priced for rental. LD \$39.99. New Line.

Twin Peaks: The First Season

1990-91. A must-have: The first seven episodes, introducing prime-time's most popular corpse, Laura Palmer. Surround. (NR) 334 min. LD \$124.98. Worldvision.

COMEDY

BabyCakes

1989. Ricki Lake, Craig Sheffer; dir. Paul Schneider. *Hairspray* heroine homes in on

Labels For Less

Columbia TriStar and New Line titles are busting out all over, with dreamy Fabian in *Ride the Wild Surf*, the musical *My Sister Eileen* (both new to video), *The Man Who Fell to Earth* and *House Party 2*—all \$19.95 each—and *Pump Up the Volume*, *Bill & Ted's Excellent Adventure* and *The 10th Victim* now \$14.95 each. And springing out of Paramount, the actioner *Hit!* is new to video at \$14.95; *Soapdish* and the irresistible *Hear My Song* have been reduced to \$19.95 each, with *Star Trek VI: The Undiscovered Country* now \$14.95.

The MGM musical still lives, with eight new \$19.98 titles—like *Going Hollywood*, *Holiday in Mexico*, *Smilin' Through* and *Yolanda and the Thief*—plus *That's Dancing!* reduced to the same price. But the sound you hear at MCA/Universal is laughter, from seven new-to-video Bob Hope flicks—including *College Swing*, *My Favorite Blonde* and *Ghost Breakers*—for \$14.95 each.

Criterion's latest half-price CLV laserdisc re-release is Orson Welles' *The Magnificent Ambersons*, \$49.95....Five CBS/Fox "NBA All-Star Performers" have been repriced to \$9.98 apiece....Shhh! *Comic Book Confidential* is now \$14.95 from Pacific Arts....Turner's *Gunga Din*, *The Big Sky* and *The Thing (From Another World)*, black-and-white or colorized, can be had for \$14.98 each. —APB

Shall We Dance:

Cary Grant and Douglas Fairbanks Jr. lead in *Gunga Din*.



Compiled by April P. Bernard

STOP SHOOTING ORDINARY VIDEOS. AND START CREATING EXTRAORDINARY ONES!

Now, create your most dazzling videos ever!

All you need is a copy of *Camcorder Magic*, the video guide that shows you step-by-step how to transform your videos into professional-quality productions.

Developed by top video producers and VIDEO

Magazine contributors James Caruso and Mavis Arthur, *Camcorder Magic* will change the way you shoot videos. Over 190 fact-packed pages and *hundreds* of color photos show you:

- How to choose the perfect camera point-of-view.
- Professional techniques for capturing fast action.
- How to create smooth transitions between shots.
- Simple methods for adding titles and graphics to your productions — no matter what equipment you own!
- How to get great results in low-light situations.
- The secrets of shooting fascinating candid interviews.
- How to create animation — with *any* camcorder.

- Easy-to-master methods for achieving time-lapse effects, colorization, and other special effects.
- Lighting tricks the pros use to set the right mood.

- How to use miniatures to add realism to your videos.

- Imaginative effects you can achieve with filters, lenses, and homemade masks.

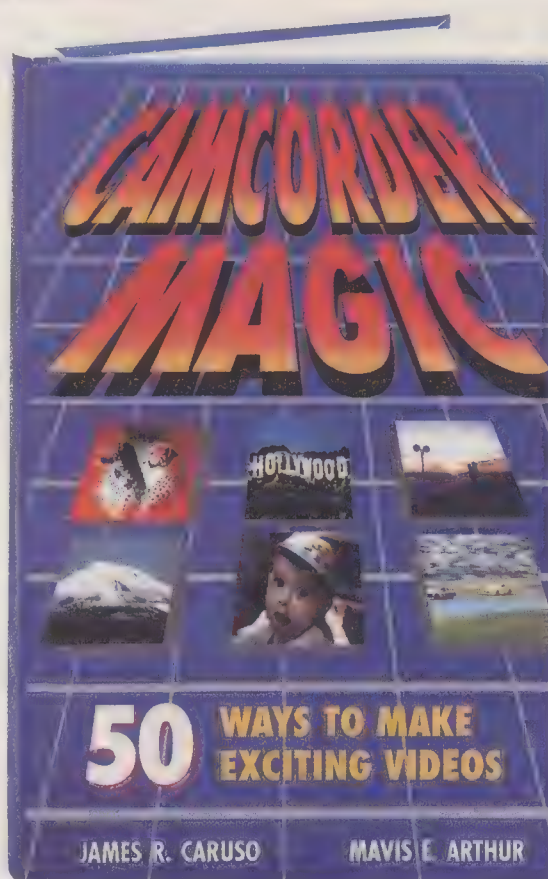
- How to master professional skills — from handheld moves and tripod shooting to camera angles, perspective and depth of field.

- Editing ideas that turn raw footage into masterpieces.

- How to record your photos, slides and home movies onto video tape.

- Secrets of Hollywood's make-up artists.

Plus -- camcorder care, choosing the best tape, preserving tapes properly, and much more. It's the ultimate guide to getting the most out of your camcorder. Send for yours today!



YES, send me CAMCORDER MAGIC!

My payment of \$12 plus \$3 shipping and handling (\$15 total per copy) is enclosed. (Make check or money order payable to Reese Communications.)

NY State residents, please add appropriate sales tax. Outside U.S., \$16 total. Allow up to 4 weeks for delivery.

Name _____
(please print clearly)

Address _____

City _____ State _____ Zip _____

No. Copies _____ Payment Total \$ _____

Clip & Mail with payment to: CAMCORDER MAGIC,
VIDEO Magazine, 460 West 34th Street, New York, NY 10001

VM06/3



141 West Wieuka Road
Atlanta, GA 30342-3219

POLARIS INDUSTRIES....

Your Electronic Depot™

Established 1983

CLEAR THE VIEW

10 Years
U.S. Manufacturer

#1
Customer
Satisfaction

Don't be fooled by cheap imitations! The Terminator II and II-S are entirely *American* designed, manufactured and supported by Polaris Industries. Because we are the U. S. manufacturer, we guarantee that our products reflect the latest in video stabilization technology.



Copy protection prevents you from copying videos, causing color flashing, fading and jitters.

MACRO-TERMINATOR™
Completely eliminates the distortion for crisp, clear quality viewing.



Buy with confidence! Know what you are purchasing!
Polaris Industries offers unsurpassed quality with state-of-the-art technology.

- American Designed & Manufactured
- GOLD Connectors
- Supplied Wall Adaptor
- Sturdy Metal Case

- Power Light Feature
- Macro-Indicator Lock Lamp
- 60 Day Money Back Guarantee
- 1 Year Warranty

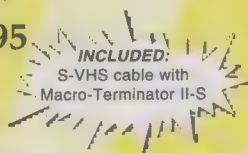
MACRO-TERMINATOR II™ only \$69.95



DURABLE METAL CASE!

- GOLD VHS connectors for the clearest possible signal (only available on our products!)
- **NEW** Power indicator light feature
- Exclusive **MacroLock™ Light** (automatically detects Macro Vision. NO other unit on the market has it at this price.)
- No switches or control settings - just hook it up!
- Dual power inputs, operates on 9v battery or supplied wall adaptor.

MACRO-TERMINATOR II-S™ only \$99.95



- **GOLD Connectors for BOTH S-VHS and Standard VHS.** For the clearest possible signal (only available on our products!)
- **Color Killer Switch™** eliminates colorization on artificially colorized movies.
- **NEW** Power indicator light feature.
- Exclusive **MacroLock™ Light** (automatically detects Macro Vision. NO other unit on the market has it at this price.)
- Supplied with one GOLD S-VHS cable (\$10.00 value)
- Dual power inputs, operates on 9v battery or supplied wall adaptor.



DURABLE METAL CASE!

**60 - DAY IRON CLAD
MONEY-BACK GUARANTEE
1 - YEAR WARRANTY. COMPLETE
SATISFACTION GUARANTEED!**



We carry a full line of A/V processing equipment and accessories. Call for **FREE CATALOG**

Order by 1pm(EST), and We'll Ship That Day!

Business Hours: 9am - 6pm (M-F) Sat. 10-4

All Night Order Line

800 - 752 - 3571

**Open
Saturday**

For Inquiries and Customer
Service 404 - 252 - 3340

MASTERCARD VISA
DISCOVER COD

No surcharges for card processing on US orders. S&H not included. Prices subject to change without notice. Not responsible for typographical errors.

hunk. Stereo, cc. (M: Mature) 94 min. VHS only, \$89.98. Turner.

Eating

1990. Nelly Alard, Frances Bergen, Mary Crosby; wr./dir. Henry Jaglom. Revealing look at what women are talking about. Mono, cc. (R) 110 min. VHS, Beta priced for rental. LD \$34.95. Paramount.

Julia Misbehaves

1949. B&W. Elizabeth Taylor, Greer Garson, Walter Pidgeon, Peter Lawford, Mary Boland; dir. Jack Conway. One of a new batch of Liz's flicks—along with *The VIP's* and *Beau Brummell*—from MGM/UA. Divorced couple reunited for daughter's wedding. Mono. (NR) 99 min. VHS, Beta \$19.98. MGM/UA.

LASERDISCS

American Art From the National Gallery

1992. Still-frame extravaganza, with Mary Cassatt, Jackson Pollock and many more—in fact, more than 2,600 pieces are included. Mono. \$99.95. Voyager.

Beneath the 12-Mile Reef

1953. Robert Wagner, Gilbert Roland; dir. Robert D. Webb. Early CinemaScope—and an even earlier Robert Wagner. Stereo, letterboxed. (NR) 102 min. \$34.95. Lumivision (800-776-LUMI).

Dangerous Liaisons

1960. B&W. Jeanne Moreau, Gerard Philipe; dir. Roger Vadim. The 18th-century novel, jazzed up (with Thelionious Monk and Duke Jordan) and modernized. Mono, subtitled. (NR) 108 min. \$49.99. Interama.

RECEIVER

continued from page 64

THE ONKYO TS-XV515PRO

This inexpensive receiver proved a pleasant surprise on Pro-Logic—it handled the Wow disc intro well, and never disappointed us on difficult decoding tasks like the plane chase from *Indiana Jones* and the *Last Crusade*. Voices were a bit edgy and metallic, but not to the point where it really bothered us.

Of course, at less than half the price of the other receivers, you have to give up something—in this case, music sound. The little Onkyo sounded a bit rough around the edges on two-channel music, easily bested by all the more expensive receivers. However, its single music surround mode helped things, adding a welcome sense of space.

The remote control can't be programmed to operate other gear—only other Onkyo equipment. And unfortunately, there are no S-video inputs. If you're mainly interested in Pro-Logic sound, the TS-XV515PRO will probably give you all the sound and features you need at a bargain price. But if you want full features and top-notch power and performance, you're better off with one of the more expensive receivers.

ASSIGNMENT: CES!

**It was a smashing
success last year.**

Now, it's an annual event.

**The Consumer Electronics Show
will, once again, open its doors
to the general public in Chicago.
Join the editors of VIDEO Magazine
for our Second Annual
V.I.P. Reader Tour
and see the show the way
no one else can.**

June 5th and 6th, 1993

Here's how:

**EXCLUSIVE
OPPORTUNITY FOR
VIDEO MAGAZINE READERS:**
The Show is officially open to
consumers Sunday only.
As VIDEO Magazine's guest,
you'll see the show
**BOTH Saturday
and Sunday!!!**

- Round Trip Coach Airfare and Hotel Accommodations.

- Transportation to and from show.

- Meet the editors before the show at our Pre-CES Briefing. Hear about the new products, the special demonstrations and the inside industry news from the reporters at VIDEO Magazine.

- Get your VIDEO Magazine gift bonus -- a goody bag filled with many valuable products.
- Take advantage of specially guided show tours.

We'll take you around the show with us -- pointing out the highlights and arranging special behind-the-scenes demonstrations. You'll see innovations in technology normally reserved for the trade because you're on tour with VIDEO.

CHICAGO RESIDENTS: CALL FOR SPECIAL PACKAGE INFORMATION



**CONSUMER
ELECTRONICS SHOW**

VIDEO



- At the end of the show, join the editors once again for a post-show wrap-up. You'll share your views with the people covering the show at an exclusive Closing Cocktail Reception.
- Accommodations at the Hyatt Oakbrook (minimum two nights). PLUS ground transportation to and from CES. FREE admission to the Show Saturday and Sunday. VIDEO Magazine bonus gift bag. Pre-Show Luncheon. Post-Show cocktail reception. Guided walking tours. All this starting at less than \$325* per person without airfare. Airfare will be booked at the lowest available rate at the time of your call.
- Call VTS Travel at 1-800-223-1632 and ask for Grace Holtz.

*Prices for single accommodations. Taxes, hotel service charges, personal incidentals, hotel upgrades not included.

TEARING THE COMPETITION APART ON ALL VIDEO EQUIPMENT BEFORE YOU BUY CALL US...WE ARE FACTORY AUTHORIZED

FULL MANUFACTURERS WARRANTY ON EVERYTHING WE SELL!

**WE WILL BEAT
THEIR LOWEST PRICE!**

On:
Laser Disc Players
Camcorders
Editing Equipment
Projection TV's
Home Theater
VCRs
Televisions
Receivers
Fax Machines
CD Players
Telephones
Smart Remotes
Car Stereo
Portables
Camcorder Add-Ons

*If You Don't
See What
You're Looking
For Call Us
1-800-525-3325*

*We
Ship To
Canada*

From
13" TO
150" TV's

JVC Camcorders

GRAX5

GRAX10

GRSX90

GRM3

GRM5

GRM7

CALL



Lenses
Tripods
Batteries
Lights • Bags

Canon H800, UC1, UCS1, L1 Digital
Minolta 8428 • Panasonic PV42
Hitachi VME23A, VMSP1A Sports

Tapes: Hi8 • Video 8
• VHS • S-VHS • Audio Tapes

LASER DISC PLAYERS



As
Low
As

• Over 400 lines of resolution
• S-VHS & remote control

\$399

Panasonic

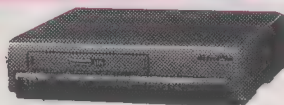
PV2201

Only \$189

2-head • Remote control • On-screen programming

JVC HRS4700U JVC HRDX62U

JVC HRS6800U Panasonic PV4260



JVC JXSV55

Video Editor

CALL

JVC JXS900

JVC JXT88

JVC CGV60U



Panasonic WJAVE5
Sima ED IT3

Mail
Order

Information
Customer Service
201-838-3444

1-800-525-DEAL

• Ambico • Canon • Denon • Hitachi • Hughes • JVC
• Kenwood • Lexicon • Minolta • Mitsubishi •
Nady • Olympus • Onkyo • Panasonic •
Philips • Sharp • Sima • Technics



RT 23 S.
Kinnelon, NJ 07405



• NO refunds on video equipment • 10 day defective exchange from date of receipt (Must call for authorization before return) • Shipping & handling not refundable

Circle 29 on Reader Service Card.

CAMERA WORLD OF OREGON

ESTABLISHED 1977 IN PORTLAND, OREGON
500 S.W. 5th Avenue • Portland, Oregon 97204

ORDERS ONLY
CALL TOLL FREE

1-800-222-1557

Inquiries & Customer Service
(503) 227-6008
FAX: (503) 222-7070

TOP RATED VIDEO CAMCORDER & PHOTO-MAIL ORDER DEALER

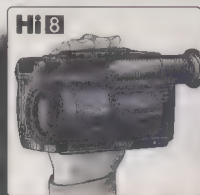
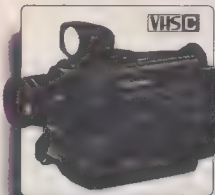
Overnight Delivery Available!



No Credit Card Surcharge

FEDERAL EXPRESS

100% MANUFACTURER'S USA WARRANTY
ON ALL MAJOR PRODUCTS



★ Authorized Dealer ★

Canon JVC SONY

Panasonic HITACHI RCA

Nikon Quasar PIONEER

MINOLTA OLYMPUS PENTAX

FUJI SUNPAK CHINON

TDK SIGMA Tokina Kodak

SLIK Mamiya BRONICA bogen

RICOH Polaroid Vivitar BESELER

YASHICA TAMRON Konica

Panasonic HITACHI

Authorized Panasonic Dealer

Authorized Hitachi Dealer



CAMCORDERS

- PV-10203 10x Power Zoom Call
- PV-10303 With Light Call
- PV-10403 Color Viewfinder Call
- PV-10503 Color Viewfinder Call
- PV-800 12x Power Zoom Call
- PV-810 w/Case & Light Call
- PV-770 Call
- PV-570 S-VHS Call

VIDEO RECORDERS

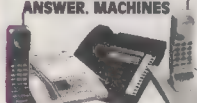


- PV-2301 All Ch. Auto Set Call
- PV-4301 4 Head Call
- PV-4311 4 Head Call
- PV-4351 4 Head, Hi-Fi Call
- PV-4361 VCR+ Built-in Call
- PV-5430 Super-VHS Call

ACCESSORIES

- PV-A118 Batt. Charger Call
- PV-C80 Car Code Call
- PV-G40 Char. Generator Call

TELEPHONES/ANSWER. MACHINES



- IKX-13705 Call
- IKX-13848 Call
- IKX-14000 Call
- IKX-12250 Call
- IKX-12310 Call
- IKX-12370 w/Caller ID capability Call for More!

FUJI

Authorized Fuji Dealer

Fujix F120SW 12x Zoom Call

Fujix F122SW Color View Call

Fujix F128 Hi-8 Call

Fujix P401U Projector Call

Fujix P701U Call

RICOH

Authorized Ricoh Dealer



8mm Camcorders

R-87H Ultra Fast Zoom Call

R-18H E.I.S., 10x Zoom Call

SONY

Authorized Sony Dealer

- VIDEO CAMCORDERS • VCRs • WALKMAN • DISCMAN • RADIOS •
- TELEPHONES • TVs - 8" to BIG SCREEN • WATCHMAN PORTABLE
- TVs • MINI HI-FI BOOKSHELF STEREO SYSTEMS • BOOM BOXES •
- MY FIRST SONY (FOR CHILDREN) • MINI DISC PLAYERS • KARAOKE

JVC

Authorized JVC Dealer



VHS-C CAMCORDERS

- GR-AW1 Weatherproof Call
- GR-M3 1 Lux Call
- GR-M5 w/ Video Light Call
- GR-AX35 10x Power Zm Call
- GR-AX55 10x Zoom Call
- GR-AX50 Color Viewfinder Call
- GR-M7 Pro 11x Zoom Call
- GR-SX90 Super VHS-C Call
- GR-S21 Super VHS-C Call

*comes with JVC case

VIDEO RECORDERS

- HR-J200 Call
- HR-J400 Call
- HR-J600 Call
- HR-DX62 4 Head, Hi-Fi Call
- HR-D990 Hyper Bass Call

SUPER VHS VCRs

- HR-S 4700 TS Head Drum Call
- HR-S 6800 Hyper Bass Call

VIDEO ACCESSORIES

- JX-S 100 AV Selector Call
- JX-S 300 AV Selector Call
- JX-S 500 AV Selector Call
- JX-S V55 Edit Call
- JX-T88 Edit Call
- MZ-350 Microphone Call
- MZ-707 Microphone Call
- CG-V60 Titler Call

MINOLTA

Authorized Minolta Dealer

Master-Pro 8-918 Rated #1 Call

VCT-910 1.5x Tele Call

VLV-910 0.65x Tele Call

VCS-910 System Case Call

STEADICAM JR

Call For Best Prices!

VIDEO TAPES

TDK • SONY • JVC

Call For Best Prices!

RCA

Authorized RCA Dealer



8mm CAMCORDERS

- Pro 807 8x Zoom Call
- Pro 857 8x Zoom Call
- Pro 870 Hi-Fi Stereo Call
- Pro 885AB Hi-Band Call
- RCA 2 Hour Battery (BB120) Call
- RCA 8mm Hard Case Call

VHS CAMCORDERS

- CC-407 1 Lux Call
- CC-507 16x Zoom Call
- CC-517 20x Zoom Call
- CC-187 VHS-Compact Call

*comes with RCA hard case

VIDEO RECORDERS

- VR-319 155 Channels 189.85 Call
- VR-506 4 Head Call
- VR-526 Built-in VCR+ Call
- VR-536 Built-in VCR++ Call
- VR-657HF 4 Head, Hi-Fi Call
- VR-662HF Built-in VCR+ Call
- VR-667HF Built-in VCR++ Call
- VR-800HF 8mm VCR Call

Nikon

Authorized Nikon Dealer



5-Year Nikon USA Warranty

8mm CAMCORDERS

- VN-720 Super Fast Zoom Call
- VN-750 StabilShot™ Call

CITIZEN

Authorized Citizen Dealer

M329 Mark II Call

M938, T740 Call

12V Car Adapter Call

AC Adapter Call

TV Tuner Call

Canon

Authorized Canon Dealer

Nation's Largest

Canon Video Dealer!

1990 • 1991 • 1992 • 1993

4 Years in a Row!

PIONEER

LaserKaraoke

Call for More information

Canon

STILL VIDEO CAMERA

RC-360

RC-570

Xapshot

RC-360 Still Video Camera Call

RC-570 Still Video Camera Call

RE-650 Visualizer Call

RP-420 Printer Call

RP-733 Printer Call

FP-510 Color Printer Call

RV-311 Video Player Call

Call for More!

SHARP

Authorized Sharp Dealer

VHS

Dual Lenses!

VHS CAMCORDERS

VL-1290U* 12x Power Zm. Call

VL-162U* Under 1 Lux Call

* Comes with Sharp soft case

8mm CAMCORDERS

VL-141U 12x Zoom Call

VC-HX10 Hi-Band Call

VC-HL100U Hi-Band Call

VIDEONICS

VIDEO EDITING SYSTEMS

Video Edit Maker Call

Video Equalizer Call

Sound Mixer Call

Title Maker Call

Thumbs Up Call

SUNPAK

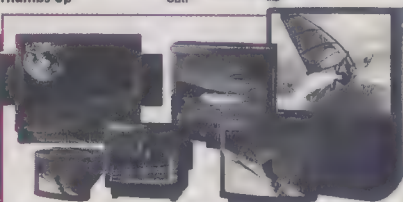
VIDEO LIGHTS

Auto CV-300 Call

Auto CZ-200 Call

Auto Pan Head Call

Call for Prices



Best Quality TV Selection.....CALL

MINI COMPONENT SYSTEMS

Compact, yet deliver full-spectrum dynamic sound!



JVC

SONY

- MX-S2 New! Call
- MX-S4 New! Call
- MX-C5 New! Call
- MX-C9S New! Call

- MHC-300 AM/FM/CD Call
- MHC-1200 AM/FM/Cass/CD Call
- MHC-1750 5 CD Changer Call
- MHC-2750 5 CD Changer Call
- MHC-3750 5 CD Changer Call

SONY GENERAL AUDIO & TELEPHONES

WALKMAN



- WM-EK10 Call
- WM-FX21 Call
- WM-FX22 Call
- WM-FX41 Call
- WM-FX45 Call
- WM-FZ08 Call
- WM-FX50 Call
- WM-D6C Call
- WM-GX90 Call
- WM-SRF3 Call
- WM-SRF10 Call
- WM-SXF30 Call
- WM-SXF33 Call
- WM-FH20 Call
- WM-F2078 Call

DAT WALKMAN

TCD-D5 Call

DISCMAN

D-34 D-211 D-802K Call

D-36 D-311 D-808K Call

D-111 D-180K D-1115 Call

MINI DISC MAN

MZ-1: The World's First Portable Mini Disc Player/Recorder! Call

FEATURE PHONES

SPP-150 Call

ITD-250 Call

ITD-150 Call

ITD-85 Call

ITD-200 Call

ITD-100 Call

IT-85 Call

CORDLESS PHONES

SPP-A20 SPP-130 SPP-95 Call

SPP-A40 SPP-180 SPP-85 Call

SPP-A60 SPP-170 SPP-75 Call

SPP-320 SPP-160 SPP-57 Call

CD CASSETTE RECORDER

CFD-58 CFD-450 CFD-767 Call

CFD-30 CFD-460 CFD-703 Call

CFD-100 CFD-757 Call

ANSWERING PHONES

IT-A000 IT-A205 IT-A305 Call

IT-A505 IT-A555 Call

ANSWERING MACHINES

TAM-30 TAM-50 Call

WORLD BAND RADIO

ICF-SW20 ICF-SW77 ICF-SW15 Call

ICF-SW800 ICF-7601 ICF-SW55 Call

ICF-SW7600 ICF-SW33 CRF-V21 Call

Prices good for mail order only. Shipping and handling are extra. Returns and exchanges may be made within 14 days of receipt of merchandise with prior authorization only (call Customer Service for a Return Authorization Number). Non-defective merchandise returned for refund will be subject to a restocking fee: 5% if box is unopened (still sealed), 12% if box has been opened. All returned merchandise must be in new condition and must include all packaging and printed material in original, unaltered condition. Shipping and handling charges are non-refundable. Some items are one per customer. All orders are subject to verification and acceptance. Camera World is not responsible for typographical errors. Prices subject to change without notice. ALLOW 2-6 WEEKS FOR BACK ORDERS.

ALL EQUIPMENT IS BRAND NEW AND FULLY GUARANTEED

Prices subject to verifiable manufacturers' price increase

PERSONAL CHECKS WELCOME

Circle 30 on Reader Service Card.

SEND A SELF ADDRESS ENVELOPE WITH \$5 POSTAGE FOR OUR BUYERS GUIDE

AUTHORIZED **ELECTRONIC** WHOLESALERS

LOOK NO FURTHER... OUR PRICES ARE LOWEST!

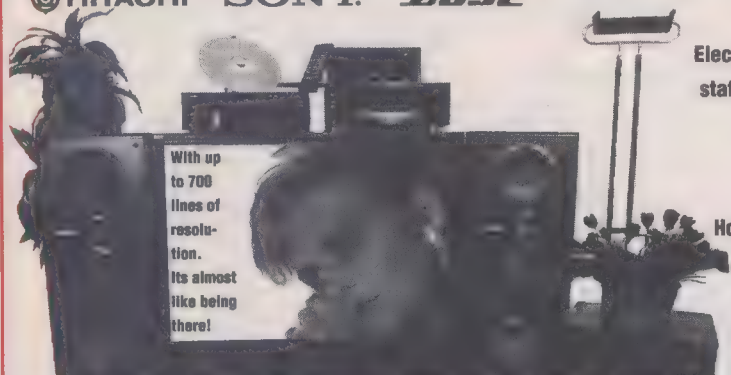
1166 HAMBURG TPKE. WAYNE, NJ 07470

ELECTRONIC WHOLESALERS
CUSTOMER SERVICE:
201-696-6531

We ship within 24 hours. All prices quoted include manufacturer's standard accessories & U.S. Warranty. All units are factory sealed. Shipping & Handling are non-refundable.

HOME THEATER SYSTEMS

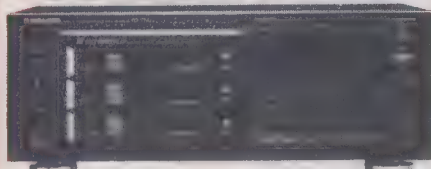
HITACHI SONY BOSE



Electronic Wholesalers staff of knowledgeable salespersons can custom configure your dream Home Theater System at a price thats surprisingly within your budget.

50" Dolby Pro Logic Rear Projection TV.....\$1999
35" MTS Stereo TV w/ Surround Sound.....\$1349
31" Stereo TV w/ Picture In Picture.....\$829

CD PLAYERS

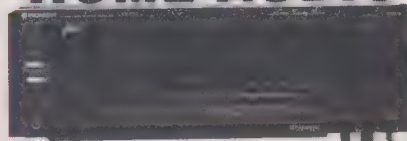


Programmable 18 Disk CD Changer ...CALL

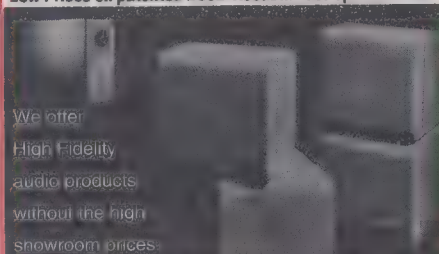


Laser Video Player w/ 5 CD Changer..\$359
Laser & CD w/Shuttle Play.....\$299
Combo Laser & Karaoke Player....\$569
Dual Side Play Laser Video Disk\$529

HOME AUDIO



Dolby Pro Logic Receiver 80 wpc.....\$269
Low Prices on patented BOSE Acoustamass speakers Call



We offer High Fidelity audio products without the high showroom prices.
Dual Satellite & Subwoofer-SPKRS.....\$299
A/V 100w Center Channel Speaker.....\$79

CAMCORDERS



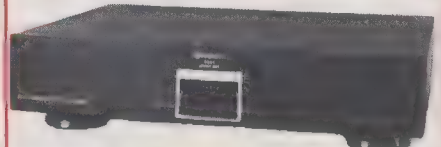
Hi 8
2 CCD Chip
Interchangeable Lenses
Image Stabilization
Super Imposers
Low Lux Ability
Wireless Remote
And More!
8mm/EIS Stabilizer 8x Zoom\$969
2 CCD Chip Pro Color/ Animation ...\$1599
Choice 8mm & VHS-C Palm Size\$539

JOG & SHUTTLE

VCR's

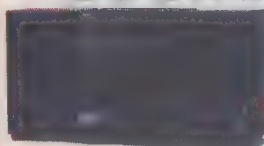


Super VHS w/ Flying Erase Head, Jog Shuttle,\$599
4 HEAD VHS For Just\$239

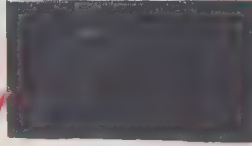


8mm Jog & Shuttle LC Controller..\$999
Super Beta Hi Fi Stereo\$349
Your Choice 8mm 4hd Hi Fi or Beta...\$329

BOOKSHELF AUDIO



**SUPER
SOUND
QUALITY**



3 Disc Dual Cass. AM/FM....\$329 18wpc 5 Disc, Dual Tape Deck....\$349
32 Watt Per Channel Multi-Disc w/ Dual Auto Reverse Tape Decks....\$399

Panasonic VIDEO ACCESSORIES

SONY RME-700 REMOTE EDITING CONTROL



WJAVE5

WJAVE5 DIGITAL AV MIXER P/p Function, Joystick, Mix 2 Video Sources, 98 Wipe Patterns, Y/C Inputs, S-Video Input/Output
CALL For Current Pricing!
JVC JXT88, JXS900, JXSV55, Nady & Azden Wireless Microphones, 8mm Battery, Quick Charger by **PowerMax** Also Available

1-800-374-7125

Call Now For Your Best Delivered Legitimate Price! Convenient Fax # 201-633-1476

SUPREME

In A Rush?
OVERNIGHT
SHIPPING
AVAILABLE

SUPREME CAMERA & VIDEO 2123 UTICA AVENUE BROOKLYN, NY 11234

7 DAY MONEY BACK GUARANTEE/ 14 DAY DEFECTIVE EXCHANGE POLICY

CALL 1-800-332-2161

718-692-4110 THE CALL IS FREE, THE SERVICE IS PRICELESS! FAX-718-692-4760



SONY

TR200

NEW



\$829

■8x1 Zoom ■Hi-8mm ■Hi Fi
STEREO ■Weights only 1.5lbs
■Sony 90 Day USA WARRANTY

SONY

TR101



\$1029

■10x1 Zoom ■Hi-8mm
■410,000 Pixels ■Image
Stabilization

SONY

TR71



\$589

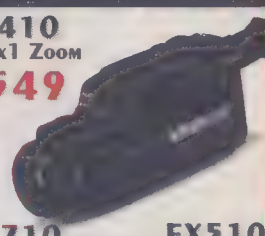
■10x1 Zoom
■2 Lux ■Compact

SONY

FX410

■10x1 Zoom

\$549



FX710
■10x1 Zoom
■Hi-8mm

\$839

FX510
■STEREO
■10x1 Zoom

\$579

RICOH

R87H



■Ricoh Optics
■Hi-8mm
■Hi Fi STEREO
■Weights only 1.5lbs
■Digital Super Imposer
■Docking Unit

Nikon

VN750



■Nikon Optics
■Hi-8mm
■RC Time Code
■Image Stabilization Lens
■410,000 Pixels ■Rated #1

RCA

Pro 867



■1 Lux
■HiFi STEREO
■Flying ERASE
■Digital PROCESSING
■2 PAGE Titler ■Full
FUNCTION WIRELESS REMOTE

Canon

L1
Pro



■15x1 Zoom
■Hi Fi STEREO
■INTERCHANGEABLE LENS
NEW IMAGE STABILIZATION
LENS IN STOCK

SHARP



VLLH100...CALL VLLNU1...CALL
VLL 30...\$489 VLL 92...\$659
VLMX6U...\$579 VLMX7U...\$639

Canon

E250...LOW
E350...LOW
E65...PRICES!



Canon

UC 20...CALL
A1 Dig...CALL
We Carry a Full Line of Canon Accessories



Canon

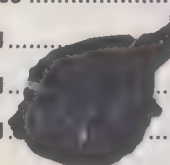
As Featured
On Cover

UCS3...LOW
UCS2...LOW
UCS1...PRICE



JVC

GRAX50U...\$729
GRM3U...\$539
GRM5U...\$579
GRM7U...\$739
GRS21...CALL



JVC

GRAW1 WEATHERPROOF...\$859
GRAX2...\$479
GRAX5...\$489
GRAX10U...\$569
GRSX90U...\$869



Panasonic

PV IQ 203...CALL
PV IQ 303...CALL
PV IQ 403...CALL
PV IQ 503...CALL
PV-760...\$865



Panasonic

PV14...\$529
PV18...\$569
PV21...\$519
PV22...\$579
PV52...CALL



HITACHI

VME 5400

■100x1 Zoom
■2 Lux

Call

VMH39A

■64x1 Zoom
■470,000 Pixels

Low Low



HITACHI

VMH818...CALL
VMSP1A...CALL
VME25A...CALL
VME23A...CALL
VMS8200A...CALL
VM4400A...CALL
VM2500R...CALL



MINOLTA

8-918

■2 CCD Chip
■Hi-8mm
■8 x 1 Zoom
■#1 RATED
8-848...CALL
8-808...CALL



Panasonic

PV42

\$739

Pro Kit...CALL

PVS62

\$869

Pro Kit...CALL



Merchandise is brand new. Prices are for cash order only. Must call retail store for retail prices and availability. 7 Day Money Back Guarantee. Must call for prior authorization. All items returned require a return authorization # and must be in brand new, factory sealed, mint condition with unutilized warranty cards. 14 DAY EXCHANGE POLICY PERTAINS TO ITEMS SENT BACK WITH APPROVAL & WILL BE EXCHANGED ONLY FOR THE SAME ITEM. DEFECTIVE UNITS WILL BE TESTED. *No exceptions. We reserve the right to limit quantities. Shipping, handling and insurance fees are not refundable. Returns on equipment are subject to a 25% restocking fee, some units may be parallel imports and USA warranty may be additional. NY residents must add appropriate sales tax. Equipment is subject to availability. Overnight delivery available upon request. Not responsible for typographical errors. Advertisement Valid Only for the Month the Magazine Issue is Marketed.



29 WEST 35TH STREET, N.Y. NY 10001
BET. 5TH AND 6TH AVENUE

FOR ORDERS ONLY
CONTINENTAL USA AND CANADA

TOLL FREE
1-800-366-6993

2 YEAR EXTENDED WARRANTY ON VIDEO... 39.95

PANASONIC

CAMCORDERS		
PV-800	\$409.00	PV-10303 \$439.00
PV-810	\$439.00	PV-10403 \$469.00
PV-760	\$399.00	PV-10503 \$499.00
PV-570	\$189.00	PV-10603 \$529.00
PV-42	\$99.95	PV-32 \$179.00
PV-22	\$99.95	PV-32 \$179.00
PV-32	\$99.95	PV-32 \$179.00
PV-32	\$99.95	PV-32 \$179.00

CANON

CAMCORDERS		
CR-807	\$489.00	CR-180 \$529.00
CR-825	\$489.00	CR-235 \$529.00
CR-830	\$489.00	CR-235 \$529.00
CR-835	\$489.00	CR-235 \$529.00
CR-840	\$489.00	CR-235 \$529.00
CR-845	\$489.00	CR-235 \$529.00
CR-850	\$489.00	CR-235 \$529.00
CR-855	\$489.00	CR-235 \$529.00
CR-860	\$489.00	CR-235 \$529.00
CR-865	\$489.00	CR-235 \$529.00
CR-870	\$489.00	CR-235 \$529.00
CR-875	\$489.00	CR-235 \$529.00
CR-880	\$489.00	CR-235 \$529.00
CR-885	\$489.00	CR-235 \$529.00
CR-890	\$489.00	CR-235 \$529.00
CR-895	\$489.00	CR-235 \$529.00
CR-900	\$489.00	CR-235 \$529.00

SUNPAK

CAMCORDERS		
CV-20S Auto	\$59.95	
Ready Zoom CZ-200 Auto	\$64.95	
CV-300 Auto	\$89.95	
Ready Lite ZL 20	\$39.95	
CV-150	\$39.95	
CV-200	\$49.95	
CV-250	\$49.95	
CV-300	\$49.95	
CV-350	\$49.95	
CV-400	\$49.95	
CV-450	\$49.95	
CV-500	\$49.95	
CV-550	\$49.95	
CV-600	\$49.95	
CV-650	\$49.95	
CV-700	\$49.95	
CV-750	\$49.95	
CV-800	\$49.95	
CV-850	\$49.95	
CV-900	\$49.95	
CV-950	\$49.95	
CV-1000	\$49.95	

VIVITAR UVC-1 UNIVERSAL VIDEO CONVERTER

FEATURES		
Converts 8mm and Super 8 movies, slides and photographs to video tape.		
Includes converter unit, multicoated macro lens and adjustable stand.		
Powered by 4 "D" batteries or optional AC adapter.		
Optional AC Adapter	\$19.95	
4 "D" Batteries	\$4.95	

PANASONIC PROFESSIONAL

CAMCORDERS		
AG-195	\$489.00	AG-455 \$1029.00
AG-185	\$689.00	AG-465 \$1029.00
AG-3	\$119.00	AG-475 \$1029.00
WF-V520 Doccable Package	\$119.00	

CANON ACCESSORIES

ITEM	PRICE	ITEM	PRICE
10,000 MAH BATT gives you up to 7 hours in any Canon Camcorder	\$79.95		
Weights only 3.1 lbs			
Includes charger and connecting cord			
No other adapters needed			

PANASONIC

CAMCORDERS		
NV-M3000	\$1049.00	NV-M3100 \$725.00
NV-M4000	\$1049.00	NV-M3200 \$725.00
NV-M5000	\$1049.00	NV-M3300 \$725.00
NV-M6000	\$1049.00	NV-M3400 \$725.00
NV-M7000	\$1049.00	NV-M3500 \$725.00
NV-M8000	\$1049.00	NV-M3600 \$725.00
NV-M9000	\$1049.00	NV-M3700 \$725.00
NV-M10000	\$1049.00	NV-M3800 \$725.00
NV-M11000	\$1049.00	NV-M3900 \$725.00
NV-M12000	\$1049.00	NV-M4000 \$725.00

VIDEOTAPES

ITEM	PRICE	ITEM	PRICE
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		
Index-2	\$19.95		

MINOLTA

CAMCORDERS		
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00
TR-100	\$799.00	TR-100 \$799.00

MINOLTA ACCESSORIES

59.95	Graphic/Music Chgs./H850	CALL	VS-F2 Edge	229.00	VS-F40 Edge	229.00
19.95	WD-37 Wide	54.95	WD-46 Wide	79.95	VS-F260 Edge	229.00
24.95	TL-37 Tele	59.95	TL-46 Tele	79.95	VS-F400	229.00
29.95	BP-E22 Battery P./VW-E2	59.95		VS-F470	229.00	
29.95	BA-8000S Car. Batt. Fm. Adapter	59.95		VS-X550 Multi-Sys. Hi-Fi Stereo		
39.95	BP-E718	54.95	BP-E722	64.95	AIWA PAL	
39.95	BP-E722 w/LED Meter	79.95		MULTI SYSTEM CONVERTER		
29.95	BP-E77K	39.95	BT-U1	19.95	HW-M11	119.00
19.95	VL-20 Lite	49.95	VL-7	14.95	HW-M360	119.00
82.95	XAP SHOT			395.00	HW-M350	119.00
59.95	RC-570 Still Video Camera	2299.00		JVC PAL		
89.95	RC-360 Still Video Camera	CALL	GR-AX27	629.00	HRD-545	749.00
89.95	RC-420 Video Printer	CALL	GR-AX107	749.00	HRD-420	529.00



SMILE PHOTO



HOURS: MON-THURS 9-6
FRI 9-130 SAT CLOSED SUN
FOR ORDERS AND INFORMATION
CALL
1-212-967-5900

VIDEO EDITMAKER

VideoEdit Video Edit-Maker is a full-function video editor that does more than just edit - it contains a complete title and graphics and special effects generator as well. Faster, more accurate and easier to use than the Direct ED+. Now you can edit, scroll titles, add graphics and special effects. Features either IR or hardware control (with Sony JMC equipped units). Turn that grab footage into a starting production.

PRO ED UPGRADE: With Keyboard and Mouse for Panasonic AG-1960 and Now for Sony and Canon

ED-IT Maker Pal 1125.00
PRO ED System 649.00
DirectED 299.00

469.00

VIDEO AGCS

AZDEN

WHX-PRO	159.95	WR-2 Pro	149.95
WMS-PRO	134.95	WM/T-30	54.95
WLX-PRO	134.95	EZ-990	54.95
WM/T-PRO	109.95	EZ-770	52.50
WL/T-PRO	84.95	EZ-660	49.95
WR-PRO	84.95	ECS-440	39.95
WMS-200	89.95	DMA-80S	54.95
WMS-100	79.95	HS-7V	18.80
WMS-300	89.95	CAM-3	44.95
VIDIPAK	34.95	TRANSFER-IT	24.95

JVC

MZ-350 Zoom Mic	74.95
MZ-707 Stereo Zoom Mic	129.95
WM-VIU Wireless Mic	119.95

NADY

MZ-350 Zoom Mic	74.95
MZ-707 Stereo Zoom Mic	129.95
WM-VIU Wireless Mic	119.95

STEADICAM JR

The revolution has arrived...
Original Products

880 Power Pro + 12 Volt 10 AMP... 279.00
970 Power Max 12 Volt 14 AMP... 389.00
Available dual output configurations include cigarette lighter, 4-pin or 5-pin XLR in any configuration

Callpack 12V, 10 AMP... 179.00
Callpack 12V, 14 AMP... 219.00
Callpack 13.2V, 14 AMP... 239.00
Campak 12 Volt... 149.00
Campak Pro 12 Volt 4 Pin XLR... 159.00
Campak Pro 13.2 Volt 4 Pin XLR... 189.00

489.95

BESCOR

Travel Case 64.95
Canon L1 Adv. Kit 69.95
Steadicam II PAL CALL

N.R.G. LIGHTING

Lite-Rite Light Control... 119.00

ARGUS ALL IN ONE

CO-PRODUCER VI

VIDEO TRANSFER SYSTEM, WITH BUILT IN STEREO SOUND MIXER.

880 Power Pro + 12 Volt 10 AMP... 279.00
970 Power Max 12 Volt 14 AMP... 389.00
Available dual output configurations include cigarette lighter, 4-pin or 5-pin XLR in any configuration

Callpack 12V, 10 AMP... 179.00
Callpack 12V, 14 AMP... 219.00
Callpack 13.2V, 14 AMP... 239.00
Campak 12 Volt... 149.00
Campak Pro 12 Volt 4 Pin XLR... 159.00
Campak Pro 13.2 Volt 4 Pin XLR... 189.00

489.95

BESCOR

Travel Case 64.95
Canon L1 Adv. Kit 69.95
Steadicam II PAL CALL

N.R.G. LIGHTING

Lite-Rite Light Control... 119.00

HEWLETT PACKARD

HP-10B	29.95	HP-22S	44.95
HP-12C	59.95	HP-95XL	364.95
HP-14B	59.95	HP-350L	46.95
HP-17B	64.50	HP-48S	129.95
HP-19B	109.95	HP-42S	79.95
HP-20S	23.95	HP-48 SX	224.95

Infrared Printer Interface Module... 92.95
AC Adapter/Battery Charger... 79.95
Peripherals for 48SX... 19.95
30K/48 SX... 47.95
128K/95 LX... 119.95
HP-95 LX 1 Megabyte... 539.95
1 Megabyte Ram Card for 95LX... 429.95
Portable Data Drive for 95LX... 234.95
Translation Cards for 95LX... 234.95

PERSONAL STEREO

SONY WALKMAN

WM-FX30	44.95
WM-FX33	46.50
WM-FX36	69.95
WM-FX40	69.95
WM-FX43	74.95
WM-FX50	114.95
WM-CX35	109.95
SF-M50	34.95
SF-M45	39.95
SF-M50	44.95
SF-M70	49.95
SF-75	44.95
WM-D3	269.95
WM-D39	179.95
WM-D39	159.95
WM-D3	569.00

AIWA

HS-75	74.95
HS-470	89.95
HS-107	154.95
HS-PC204	89.95
HS-PL777	129.00

CHMAN TV'S

FD-555	129.95
FD-250	94.95
FD-370	249.95
FD-380	274.95
FD-3500	299.95

CD PLAYERS

CD-400	229.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00
CD-5180	309.00

AUDIO

PIONEER RECEIVERS

SX-251	159.00	VX-511S	349.00
SX-311R	169.00	VX-5081	399.00
SX-401	234.95	VX-5101	469.00
VX-451	259.00	VX-5101S	689.00
VX-501	309.00	VX-5101S	629.00

CD PLAYERS

PD-101	119.00	PD-M701	194.95
PD-201	134.95	PD-M701	194.95
PD-5501	179.00	PD-M901	269.00
PD-M501	164.95	PD-TM2	309.00
PD-M601	184.95		

CASSETTE DECKS

CT-W301	129.00	CT-W501R	314.95
CT-W451R	149.00	CT-W501R	229.00
CT-W501R	159.00	CT-W501R	269.00
CT-W601R	199.00	CT-W701R	309.00
CT-W701R	219.00	CT-S410	239.00
CT-W801R	239.00	CT-S601R	189.00

LASER DISC PLAYERS

CLD-5201	324.95	CLD-0701	724.95
CLD-M401	459.00	CLD-M301	389.00
CLD-D501	539.00		

JVC RECEIVERS

RX-207TN	149.00	RX-707TN	309.00
RX-307TN	169.00	RX-807TN	379.00
RX-507TN	229.00	RX-907TN	639.00

CD PLAYERS

XLV-151TN	109.00	XLZ-451TN	149.00
XLV-251TN	129.00	XLG-512NBK	299.00

CD CHANGERS

XLH-307TN	179.00	XLH-507TN	229.00
XLH-407TN	189.00	XLH-507TN	189.00

CASSETTE DECKS

XDZ-507TN	559.00	TDW-307TN	159.00
TDW-441TN	155.00	TDW-707TN	199.00
TDW-541TN	229.00	TDW-805 TN	219.00
TDW-707TN	129.00	TX-1100BK	649.00
ARZ-911BK			

CAR STEREO'S

SONY

CXD-4040	229.00	KR-6287	139.00
CXD-5180	309.00	KR-4357	139.00
CXD-5180	309.00	KR-5250	169.00
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95
CXD-5180	309.00	KR-5450	194.95

PIONEER

DEH-M380	419.95	KEH-M3200QR	179.00
DEH-780	319.95	KEH-M3007R	275.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00
DEH-680	289.95	KEH-M3200QR	209.00

AUDIO TAPE

D-60	95	MX-60	1.99
D-90	1.05	MX-90	2.25
D-120	1.59	UDI-60	1.59
HXS-60	1.25	UDI-90	1.80
MA-60	1.75	UR-60	.30
MA-90	2.19	UR-90	.35
SA-60	1.65	UR-120	1.50
SA-100	2.10	XL-H160	1.65
SA-90	1.85	XL-H180	1.80
SAX-60	1.95	XL-H160	1.65
SAX-90	2.45	XL-H180	2.10
SAX-100	1.99	XL-H180	2.60

FUJI

DR-60	1.99	FR-IX Pro 90	2.29
DR-190	1.10	FR-IX Pro 100	2.55
DR-160	1.39	FR-Metal 60	2.29
DR-1100	1.89	FR-Metal 90	2.69
DR-IX 60	1.65	FR-Metal 100	2.99
DR-IX 90	1.99	Digital 60	6.35
FR-IX 100	2.20	Digital 90	7.89
FR-IX Pro 60	1.89	Digital 120	8.99

TYPEWRITERS

BROTHER TYPEWRITERS

AX-250	89.00	CX-500SP	114.95
AX-300	104.95	CX-6500	104.95
AX-400	119.95	CX-7500	119.95
AX-500	139.95	CX-8500	134.95
AX-600	174.95	CX-9500	174.95

BROTHER WORD PROCESSORS

WP-1600	259.00	WP-2500	429.00
WP-1400S	319.00	WP-2800	469.00
WP-1500S	345.00	WP-3500	399.00
WP-1800	355.00	WP-3800S	395.00
WP-2200	349.00	PN-4400	359.00
WP-2400	415.00	PN-5700S	429.00

P-TOUCH LABELING SYSTEM

PT-20	124.95	PT-35	159.95
PT-20	144.00	PT-6000	324.95

LINGUISTIC AID PRODUCTS

FRANKLIN

LM-4000	119.95	LM-5000	129.00
GP-620	149.95	GBS-11	139.95
EC-1000	169.95	FP-610	169.95
LM-2200	69.95	KLM-4000	259.95
LM-3200	69.95	LM-6000	149.95
LM-2015	49.95	LM-7000	74.95
LM-3000	84.95	LM-7200	64.95

SHARP WIZARD

QZ-8400	249.00	QZ-8200	119.95
QZ-2200	69.95	QZ-7400	159.00
QZ-2400	84.95	QZ-7420	169.95
QZ-5000	129.95	QZ-8000	209.95
QZ-2000	194.95	QZ-8200	239.00
QZ-8500	289.95	QZ-8600	339.95
QZ-9000			429.95
Wizard Peripherals			In Stock

CASIO

SF-4300	49.95	SF-9500	129.95
SF-5100	59.95	SF-9800 PK	229.95
SF-5300	69.95	SF-9800	139.95
SF-8300	89.95	SF-9100	209.95
SF-8300	129.95	SF-9200	239.95

LIGHTS...CAMERA... SAVINGS!

SAVE
56%
OFF NEWSSTAND
PRICE

☐ My payment of \$15.00 is enclosed -- add two bonus copies for paying now! (You save us the cost of billing and we'll send you 14 issues for only \$15.00.)

Name _____ (please print)
Address _____
City _____ State _____ Zip _____ 4ADXS

LIGHTS...CAMERA... SAVINGS!

SAVE
56%
OFF NEWSSTAND
PRICE

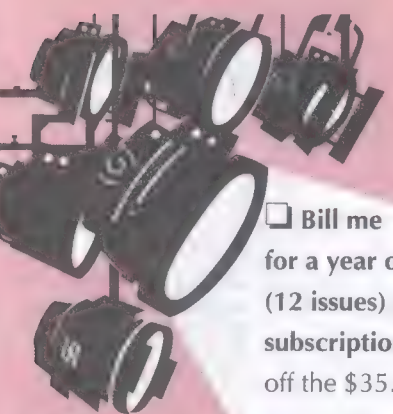
☐ My payment of \$15.00 is enclosed -- add two bonus copies for paying now! (You save us the cost of billing and we'll send you 14 issues for only \$15.00.)

Name _____ (please print)
Address _____
City _____ State _____ Zip _____ 4ADXS



Please allow up to 60 days for first copy. In Canada, \$21 plus \$1.47 GST (R125938423). For foreign countries, \$40. Canadian and foreign orders must be prepaid in U.S. funds.

VIDEO magazine



Please allow up to 60 days for first copy. In Canada, \$21 plus \$1.47 GST (R125938423). For foreign countries, \$40. Canadian and foreign orders must be prepaid in U.S. funds.

VIDEO magazine

Circle 33 on Reader Service Card.

29 WEST 35TH STREET, N.Y. N.Y 10001
BET 5TH AND 6TH AVENUE

SMILE PHOTO

FOR ORDERS ONLY
CONTINENTAL USA AND CANADA
TOLL FREE
1-800-366-6993

2 YEAR EXTENDED WARRANTY ON VIDEO... 39.95

PANASONIC

CAMCORDER

PV-800 699.00 PV-10303 639.00
PV-810 639.00 PV-1403 689.00
PV-780 899.00 PV-1403 749.00
PV-570 1199.00 PV-312 709.00
PV-42 599.95 PV-362 679.00
PV-22 799.95 PV-372 869.00
PV-562 999.95 PV-10203 699.00

VCR's

PV-2301 189.00 PV-S 4266 389.00
PV-4301 209.00 PV-S 4270 409.00
PV-4210 269.00 PV-S 4280 399.00
PV-4311 219.00 PV-S 4290 349.00
PV-4214 219.00 PV-S 4290 349.00
PV-4314 239.00 PV-S 4290 349.00
PV-4250 289.00 PV-S 4290 349.00
PV-4351 279.00 PV-S 4290 349.00
PV-4260 309.00 PV-S 4290 349.00
PV-4361 329.00 PV-S 4290 349.00
PV-4262 309.00 PV-S 4290 349.00
PV-4264 389.00 PV-S 4290 349.00
PV-S 4380 719.00 PV-S 4290 349.00
PV-VPI Video Printer 784.00

PANASONIC PROFESSIONAL

CAMCORDER

AG-195 CALL AG-455 CALL
AG-185 689.00 AG-450 1029.00
AG-3 CALL AG-450 2349.00
WF-250 Doccable Package CALL

VCR's

AG-1270 249.95 WY-KB12A 129.95
AG-1740 389.00 AG-5700X 569.00
AG-1960 899.00 AG-5700 1229.00
AG-1970 CALL AG-W1 1449.00
AG-2520 369.00 WJ-M12 CALL
WJ-M10 449.00 WJ-M10 350.00
WJ-AVE3 349.00 WJ-KB50 429.00
WJ-AVE5 1159.00 WJ-KB15A 209.95
AG-495 244.95 WJ-TTL5 219.95
AG-496 319.00 WJ-C25 499.00
AG-EP60 Video Printer 889.95

S-VHS VCR's

AG-7150 CALL AG-7400 CALL
AG-7350 CALL AG-7650 CALL
AG-7355 CALL AG-7750 CALL

MONITOR/VCR COMBO

AG-505 S 889.00 AG-550 10" 729.00
AG-513 13" 459.00 AG-560 10" 779.00
AG-520 20" 549.00

MONITORS

CT-1030M 299.00 CT-2083Y 339.00
CT-1331Y 375.00 CT-2083Y 389.00
CT-1332Y 239.00 CT-1332Y 239.00
CT-1333Y 279.00 CT-1333Y 299.00
CT-2000M 19" Multi System 896.00

VIDEO PROJECTORS

PT-10L LCD Video Projector 725.00
PT-30L LCD Video Projector 1799.00
PT-101Y S-VHS Video Projector CALL
PT-301Y S-VHS up to 300" Screen CALL

SONY

CAMCORDER

CCD-VX3 Hi-8 3 Chip CALL
CCD-TR200 699.95 CCD-V8000 CALL
CCD-TR8 599.00 CCD-TR1 749.95
CCD-TR101 1179.00 CCD-TR31 689.00
CCD-FX510 729.00 CCD-FX310 559.00
CCD-FX410 599.00 CCD-FX301 499.00
CCD-TR71 729.00 CCD-FX710 889.00
CCD-V5000 1889.00 CCD-F201 529.00

VCR's

SLV-400 239.00 EVS-900 1499.00
SLV-595 379.00 EVH-50 349.00
SLV-696 409.95 EV-P2 269.00
SLV-585 369.00 EV-40 325.00
SLV-85 759.00 EV-D11 709.00
EVS-550 539.00 EV-012 739.00
EVS-2000 849.00 SLV-HF360 CALL
EVS-3000 1299.00 EV-550 759.00
SLV-HF 870 759.00 EV-200 729.00
SLV-36000 269.00 SLV-HF 2100 1293.00
RME-300 489.95 RME-700 689.00
AC-S10 Charger/Reconditioner 99.95
BE-V8 8MM Rewinder/Eraser 139.95
GP-TRX Pistol Grip 84.95
RM-155K Wireless Remote 99.95
RM-95 Wired Remote 89.95
SPK-TRX2 149.95 SPK-FX1 124.95
MPK-TR5 Underwater Housing 869.00
AGV-SSN One Hr. Batt. Charger 159.95
AA Battery Pack 19.95
XY-M30 Color Monitor 329.95
New Car Cord for V-5000 64.95
NP-22H 44.95 NP-77HD 69.95
NP-11 44.95 NP-66H 49.95
NP-77H 49.95 NP-55H 39.95
NP-22 29.95

JVC

CAMCORDER

GR-M3U 599.00 GR-303 599.00
GR-M5U 599.00 GR-M500 749.00
GR-AWU 599.00 GR-A5U 499.95
GR-M7 Pro 789.00 GR-A10U 619.00
GRS-SZ1 1329.00 GR-SX90U 869.00

VCR's

HR-DX22U 189.00 HR-D930U 299.00
HR-DX42U 219.00 HR-VF66U 329.00
HR-D910U 309.00 HR-D990U 369.00
HR-DX62U 309.00 HR-S4700U 449.00
HR-VF46U 259.00 HR-S6800U 969.00

FUJI

CAMCORDER

H-128SW CALL F-122SW CALL
F-120SW CALL G-101 Act. Grip 54.95
P-101 LCD Projector In Stock
P-40U Video Projector 259.00
P-401 CALL HP-A1 CALL
P-101 Mini Tripod 19.95
Spare Bulb (P-101) 34.95
Spare Bulb (P-40U) 24.95

MITSUBISHI

HS-LX4U 649.00 HSU-65 589.00
HS-CX7U 719.00 HSU-82 899.00
HS-C35U 729.00 HSU-56 339.00
HSU-51 489.00 HSU-50P 389.00
HSU-67 599.00 HSU-36 239.00
HTS-100 349.00

CANON

CAMCORDER

PR0-807 489.00 OC-180 529.00
PR0-825 489.00 OC-285 729.00
PR0-860 449.00 CC-320 699.00
PR0-865 589.00 CC-560 949.95
PR0-867 549.00 OC-187 639.00
PR0-870 599.00 OC-391 559.00
PR0-880 879.00 CC-407 549.00
PR0-883 CALL CC-507 549.00
CC-177 559.00 CC-517 639.00

VCR's

VR-295 209.00 VR-516 219.00
VR-341 209.95 VR-526 229.95
VR-521 239.00 VR-536 259.00
VR-319 189.00 VR-657 HF 249.00
VR-320 189.00 VR-662 HF 289.00
VR-505 229.00 VR-667 HF CALL
VR-506 219.00
VR-515 239.00

RCA ACC

VCC-1000 Color Control
WHF-101 Cordless Hi-Fi
AC031 Deluxe Video
AC028 Soft Camcorder
AV056 Extended Play
ANS010 Synchro Edit
CRMO20 Remote Control
CRF020 RF Adapter
VTV090 Character Gen
LX-153 1.5" Tele
WM003 Wireless Mic

MINOLTA

1.5K Tele 1/8-918
0.5K Wide 1/8-918
BA-8000S Car batt. A
BA-8000 Charger A
VCC-10 Character Gen
VFT-1 Film Transfer
VIC-1 Input Cord
VIC-2 2 Pin Input Cord
VIC-3 Stereo Input Cord
VOC-3 Stereo Output
VOC-180 Dubbing Car
RC-100 Remote Control
VRC-2 Remote Control
DM-1 Uni Direct Mic
DM-2 Super Direct Mic
VR-1 Rain Jacket
VR-1406 Rain Jacket
VLT-1 1.5" Tele Conv
VLM-1 0.7x Wide Conv
VLL-1000 Color Enh
VBP-160 One Hr. Bat
VBP-161 Two Hr. Bat
Minolta Car Cord

GO DUAL D

GV-2020 Vision
GV-2030 Mirage
GV-2234 Wizard
GV-2040 Images
GV-3020 Wizard
GV-3020 Vision
GV-3030 Mirage
GV-3040 Images
GV-3050 Horizon
GV-3060 Vision
GV-3080 Images
CRP-02 Cable Reel
PM-01 Palm Mate R

KODAK PHOTO

KODAK P-24 309.00
KODAK P-24 309.00
KODAK P-24 309.00

MA

DT-24 17.21
DPT-24 24.95
PMT-24 19.40

SH

VL-HL 100U View Ca
VLL-380 619.00
VLL-62 629.00
VLL-72U 699.00
VLL-340 599.00
Slimcam Batt

SHAR

VC-A46U 239.00
VC-C56U 299.00
VC-H890U 284.95

HIT

VM-2500A 589.00
VM-440U 449.00
VM-5400 449.00
VM-S2000 1029.00
VM-SP1A 939.00
VM-25A 259.00

V

VTM-161 199.00
VTM-260 225.00
VTM-262 239.00
VTM-251 225.00
VTS-751 S-VHS

R

R-87H 899.9
R-18H Hi-8 1049.0
R-15 689.0

N

We Accept N
VN-750 629.9
VN-840 629.9
4 Year Warranty

TO

M-222 169.0
M-228 189.0
M-440 219.5
M-458 229.5

KYOCER

KX-V1 899.0
KX-H3 1099.0
KX-77 599.0
KO-M730 449.0

PAL VIDEO

SONY PAL

CCD-FX500 899.00 CC0-TR50 829.95
CCD-F355 629.00 CC0-TR8E 1129.00
CCD-FX300 699.00 CCD-TR303 769.00
CCD-FX400 879.00 CCD-TR305 849.00
CCD-F355 819.00 CCD-TR705 879.00
CCD-F385 820.00 CCD-TR605 1159.00
CCD-V600 1079.00 CCD-TR805 1249.00
CCD-V6000 2399.00 CCD-V5000 2289.00

SONY VCR's

SLV-X35 319.95 SLV-X55 349.00
SLV-X37 299.00 SLV-X37 329.00
EVC-3 599.00 SLV-X800 CALL

RICOH PAL

R-15 899.95 R-18H 1199.95

SUNPAK

CV-20S Auto 59.95

Ready Zoom CZ-200 Auto 64.95
CV-300 Auto 89.95
Ready Life 10 47.95
CV-300 49.95
CV-150 39.95
CV-200 44.95
CV-300 49.95
CV-320 44.95
CV-205 49.95
CZ-200 49.95
Spare Bulb 19.95

Remote Controlled AP-2001
Auto Run VHS Mode

VIVITAR UVC-1 UNIVERSAL VIDEO CONVERTER

- Converts 8mm and Super 8 movies, slides and photographs to video tape.
- Works with most camcorders.
- Includes converter unit, multicoated macro lens and adjustable stand.
- Powered by 4 "D" batteries or optional AC adapter.
- Optional AC Adapter 19.95
- 4-"D" Batteries 4.99

KINDEX-2

All-Purpose video search/index device

Provides Hassle free access to programs/spots on VHS tapes. Just punch in required selection and Kindex2 locates the right program promptly.

Frees VCR from searching - saves wear and

VIDEO CASES

Samsonite

CAMCORDER CASE 49.95

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

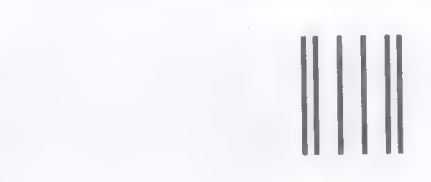
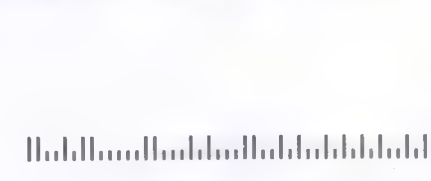
BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 3494 NEW YORK, NY

POSTAGE WILL BE PAID BY ADDRESSEE

VIDEO

P.O. Box 52255
Boulder, Colorado 80321-2255



BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 3494 NEW YORK, NY

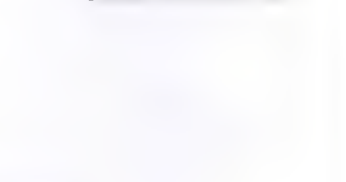
POSTAGE WILL BE PAID BY ADDRESSEE

VIDEO

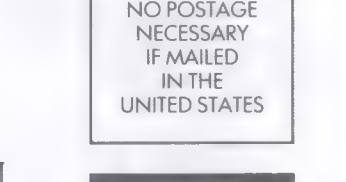
P.O. Box 52255
Boulder, Colorado 80321-2255



NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES



NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES



NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES



BEACH CAMERA OF MAINE

TOLL FREE ORDERS ONLY
1-800-634-1811

ANYWHERE IN U.S. HAWAII, ALASKA & CANADA

In NEW JERSEY CALL 1-908-424-1101

In CANADA and for information CALL 1-908-424-1101

24 HOUR FAX ORDERS 1-908-424-1105

CUSTOMER SERVICE 11am-5pm 1-908-424-1103

NEW YORK PRICES WITH NEW ENGLAND SERVICE

EXPRESS SHIPPING AVAILABLE

Send All Mail Orders To The Following
203 ROUTE 22 EAST
GREENBROOK, NJ 08812

ALL MAJOR CREDIT CARDS ACCEPTED



NO SURCHARGE ON ANY CREDIT CARDS
NO SALES TAX WHEN SHIPPED OUT OF NEW JERSEY

SATISFACTION GUARANTEED
IN 15 DAYS OR YOUR MONEY BACK !!

At Beach Camera most orders are processed within 20 hrs. New Jersey Residents add 6% sales tax.

STORE HOURS:

Sunday	10:00am-6:00pm
Monday	9:00am-8:00pm
Tuesday	9:00am-7:00pm
Wednesday	9:00am-7:00pm
Thursday	9:00am-8:00pm
Friday	9:00am-4:00pm
Saturdays	CLOSED

TR-SERIES SONY TR-SERIES

TR-200 \$799 **TR-71 \$598**

☐ Hi-8
☐ 8:1 Zoom
☐ Hi-Fi Stereo
☐ Digital Super Imposer
TR-101 Hi 8 EIS1029
TR-81788
TR-9588

☐ 10:1 Zoom
☐ Hi-Fi Stereo
☐ Wireless Remote
NEW TR-31548
NEW CCD VX3 3 ChipCALL
NEW CCD-V6000CALL

VHS-C Panasonic VHS-C

PV-42 \$788 **PV-IQ403 \$578**

☐ EIS
☐ Color Digital
☐ 20:1 Digital Zoom
PVS-62 S-VHS-C1028
PV-52748
PV-332648
PVS-3721048

☐ 1 Lux
☐ 10:1 Zoom
☐ COLOR VIEWFINDER
NEW PV-IQ203CALL
NEW PV-IQ303CALL
NEW PV-IQ503CALL
NEW AG-3 (3 CCD CHIP)CALL

AUTHORIZED Canon DEALER

A1 Digital UC-S1

\$1108 **SPECIAL LOW**

☐ Hi-8
☐ Digital
☐ 10:1 Zoom
☐ Character Generator
E65599 **E61**508
L1 ProfessionalIn Stock

E10, E250, & E350SPECIAL
UC-1588 **UC-20**648
NEW! UC-S2768
NEW! UC-S31308

NEW! SHARP NEW!

VLL62 \$548 **VL-HL100 CALL**

☐ 0.7 Lux
☐ Slimcam
☐ 12:1 Zoom
☐ Remote Control
NEW VLN1Call
VLL-50 Orig. slim Cats EyeCall
SHARP Batteries, Cases, and Car Cords AvailablePlease Call

☐ Viewcam
☐ Built In Monitor
IN STOCK
NEW VLHX10Call
VLMX7 Twincam618

Nikon

VN-750

5 YR WARRANTY CALL

☐ Nikon Optics ☐ Hi-8 ☐ 10:1 Zoom
☐ EIS ☐ Same As Sony TR-101
VN-720 Wireless RemoteCall

YASHICA

KXH-V1

CALL

☐ Hi-Fi ☐ 10:1 Zoom
☐ Wireless Remote ☐ Hi-8
NEW Quest Yashica U/WCall

Quasar

VM525

CALL

☐ EIS ☐ VHS-C ☐ 20:1 Digital Zoom
☐ Same As Panasonic PV-42
VM-719 (Same As PVS-770)Call
VM-718 (Same As PV-760)Call

Quasar

Monitors & VCRs

SVX-1420Call **VV-1213**Call
VV-1213WCall **VV-1220**Call
VV-1220WCall
VHS-C Adapters24.99

VH-220Call **VH-420**Call
VH-425Call **VH-620**Call
New VH-220CALL **New VH-420**CALL
New VH-434CALL **New VH-435**CALL

SONY

VHS VCRs

SLV-365259 **SLV-565**358
SLV-565Call **SLV-595**399
SLV-R5Call **NEW GVM20**548
NEW GVS-S50 Watchman738

8mm VCR's

EVA-50328 **NEW EVC-40**206
Brand New! EVS-2000The Lowest
Brand New! EVS-3000The Lowest
WE ALSO CARRY SONY BETA PLEASE CALL!

Panasonic

Video Cassette Recorder

New PV 2301168 **New PV 4301**198
PV 4250265 **New PV 4351**Call
PV 4262318 **PV 4260**278
PVS 4280598 **New AG 1970**1068
AG IndustrialCall **New AG1270**Call

RCA

Video Cassette Recorder

VR 320179 **VR 657HF**259
VR 516Call **VR 536**238
VR 526219 **LASER DISC**
VR 665298 **LDR 500**Call
VR 667HFCall **LDR 310**Call

JVC

Video Cassette Recorder

HRDX 20175 **HRDX 22**175
HRDX 40206 **HRDX 42**198
HRVP 46248 **HRDX 62**278
NEW HRD 990358 **HRS 4700**418
HRVP 66328 **NEW HRS 6800**Call

HITACHI

Camcorders

VM-H38ANew **VM-H38A**New
VMH-39ACall **VME-23A**Call
VME-25ACall **VM2500A**Call
VM4400ACall **VM5400C**Call

VCRs

VT-M151Call **VT-M251**Call
VT-F361Call **VT-F351**Call
VT-F551Call **VT-S751**Call

MITSUBISHI

Video Cassette Recorder

HSU-36249 **HSU-56**339
HSU-57428 **HSU-56P**378
HSU-67609 **HSU-62**1079

TOSHIBA

Video Cassette Recorder

Toshiba 222189 **Toshiba 226**Call
Toshiba 448259 **Toshiba 658**Call
Toshiba SVF900Call
2020580
2030Call
3050IN STOCK

FX-SERIES SONY FX-SERIES

FX-410 \$548 **FX-510 \$608**

☐ 2 Lux
☐ FX Series
☐ 10:1 Zoom
☐ 3 Mode AF
FX710798
NEW FX-310498
Sony Video TapesCALL

☐ FX Series
☐ 10:1 Zoom
☐ 3 Mode AF
☐ Hi-Fi Stereo
F501648
F301488
V701778

S-VHS Panasonic VHS

PVS-770 \$998 **PV-800 CALL**

☐ S-VHS-C
☐ 12:1 Zoom
☐ Digital Fade
☐ Video Light
PV-760828
AG455 ProfessionalCALL
AG460 ProfessionalCALL

☐ 2 Lux
☐ 10:1 Zoom
☐ Slim Width
☐ Switch Hitter
PV-704\$509
NEW! PV-810 Video LiteCALL

AUTHORIZED RCA DEALER

PRO 867 CC 507

CALL \$578

☐ 8:1 Zoom
☐ Digital Titler
☐ Remote Control
NEW Pro 883, Hi-8CALL
VHS CC407, CC507, CC517CALL

☐ 16:1 Zoom
☐ 64:1 Dig Zoom
☐ ONLY 1 LUX
☐ Full Size VHS
Pro 807 & Pro 870CALL
Pro 880 Hi-8798

S-VHS-C JVC NEW!

GR-SZ1 \$1178 **GR-AX33 \$618**

☐ Hi-Fi
☐ S-VHS-C
☐ 22:1 Zoom
☐ Wireless Remote
GRM-3U488
GRM-5U558

☐ VHS-C
☐ 8:1 Zoom
☐ Video Light
GRSX-90788
GRAX-2458 **GRAX-5**468
NEW! GR-M7U (Color)728

MINOLTA

Pro 8-918

CALL

☐ 8:1 Zoom ☐ Hi-8
☐ 820,000 Pixels ☐ 2 CCD Chips
Pro 8-808Special
Pro 8-848 8-438 64X1 ZoomCall
C-518/C-538 VHS-CLow
C-618 Video LightPrices

RICOH

R87H

LOW!

☐ Hi-Fi ☐ Wireless Remote
☐ Same As Sony ☐ 10:1 Zoom
R15 (Same As Sony TR71)Low
R18H (Same As Sony TR101)Low
R105 (Same As Sony F501)Prices

VIDEO ACCESSORIES

VIDEONICS

Title Maker348
Edit Maker458
Equalizer209
THUMBS UP158
CITIZEN Monitor M3291Call

JVC

CG-V60144 **IXT-88**249
IXSV-55399 **IXS-300**199
IXS-900499

AZDEN ACCESSORIESCALL

VIDEO REWINDERS

VHS19.99 **8mm**28.88 **Beta**22.88

(sima)

Screenwriter159
Edit 1-2-3 NEW EditCall
NEW Stereo Sound MixerCall
SPM-4 Disccharger/ChargerCall
SPM 1-2-3-5-5n-6-7Call

SUNPAK

Auto CV-30088 **CV-320**Call
Auto CV-205A64 **CV-150**Call
CV-30075 **CZ-200**Call
CL-5/8 BatteryCall
UNOMAT VIDEO LIGHTS AVAILABLE

All merchandise is brand new and factory fresh. Prices Are For Mail Order Only 10% deposit required for COD orders. Please allow 3-4 weeks delivery time for personal check orders. Exchange or refund less shipping and handling within 15 days of merchandise only if returned in original mint condition with original package and unexpired warranty cards. Please call 908-424-1103 for return authorization before returning product. Some items listed may be parallel imports and do not include USA warranty. Returns may be subject to a restocking fee. Quantities limited. Prices effective through June 30, 1993. Call for shipping and handling charges. Tamaron lens mounts sold separately. No Surcharge on Credit Cards. Thank you for shopping with us. UPS, Federal Express & US Mail.

47st. Photo®

For Visa, Mastercard and Discover phone orders.

Call our Video Hotline Toll Free

Out-of-State or Upstate N.Y.

EST Daily 8-7, Sun.10-5, Fri. 8-2 (Closed Sat.)

1-800-221-3513

Dear Customer,

47st. Photo is **THE SOURCE** for Camcorders, VCRs, TVs, Video Editing and Multimedia equipment available for NTSC, PAL & SECAM. At 47st. Photo we continually strive to make your shopping experience with us simpler and more pleasant. We are here to listen to you.

I invite you to call me personally at 718-643-3300 ext.2509 or to fax me directly at 718-625-2603 with your comments and suggestions.

Sincerely

Irving Goldstein
President; 47st. Photo

NEW Spring/Summer 1993 Catalog \$3*

Packed with the latest in Photography, Darkroom, Audio, Video, Electronics, Computers, Faxes, Copiers.....

All at the Great Low Prices we're famous for

To Order Your Catalog

Call Toll Free

1-800-466-1914

*refunded with your first catalog order, please refer to coupon #VMG693C when ordering

In NY & for General Info—or If Toll-Free lines are busy EST Daily 9-6, Sun.10-5, Fri. 9-2 (Closed Sat.)

1-718-722-4750

COUPON SAVINGS

FREE 3-Year Extended Warranty

A \$99 Value w/Purchase of any VCR or Editing System

To obtain your Free Extended Warranty, please refer to coupon #VMG693/2 when ordering

COUPON SAVINGS

FREE 5-Year Extended Warranty

A \$199 Value w/Purchase of any Camcorder or TV

To obtain your Free Extended Warranty, please refer to coupon #VMG693/1 when ordering

Panasonic

From our Pro' Video Dept

New! AG-3

Super VHS-C camcorder with 3-CCDs for 530 lines horizontal resolution. 10x zoom with 20x digital zoom, Image Stabilization, 1-Lux low light, Time Base Corrector, Digital Effects

PV-IQ403

VHS-C compact camcorder with 10x Zoom, Color Viewfinder & remote

PV-43

VHS-C compact camcorder with 20x Digital zoom & Digital Image stabilizer

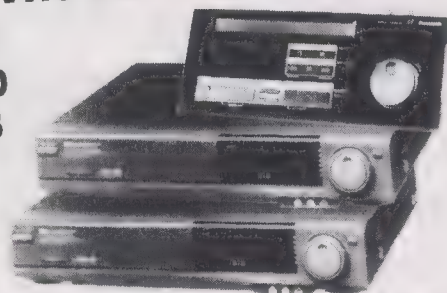
PV-S372

Super VHS-C camcorder with 10x zoom, HiFi stereo sound & time base corrector



Professional Multi-Function Super-VHS Editing System

- AG-1970
- AG-1970
- AG-A96



Make your next video production soar to new heights! This professional S-VHS editing system features two AG-1970 S-VHS editing VCRs plus the AG-A96 editing controller. Together they let you produce insert & assemble edits plus audio dubbing & much more!

SONY

CCD-TR31

8mm Compact Handycam with 10x zoom and wireless remote

CCD-TR71

8mm Compact Handycam with 10x zoom, wireless remote and HiFi stereo sound

CCD-FX510

8mm Compact Handycam with 10x zoom wireless remote & 1-Lux low light



Canon Hi8

L1

Professional Hi8 Camcorder with VL-mount interchangeable lenses

A1 Digital

Hi8 Camcorder with 20x Digital zoom & 1/2 Lux Low Light

UCS3

Pocket Hi8 Camcorder with 12x zoom lens & Digital Special effects



Nikon

VN-750

Hi8 Camcorder with 10x zoom, 'Stable Shot' image stabilization & wireless remote



For even faster processing, FAX your order or inquiry to us at 1-718-722-3510/3511

Circle 35 on Reader Service Card.

GUARANTEED UNBEATABLE PRICES!

NORTH AMERICA'S LARGEST
AUTHORIZED DEALER FOR

MITSUBISHI
SONY
Panasonic TOSHIBA
Canon JVC MINOLTA
MAGNAVOX PIONEER
VIDEONICS AZDEN
bogen OLYMPUS
RICOH JBL RCA
HITACHI Nikon

POWERVERideo

1-800-877-2900

CUSTOMER SERVICE: 713-240-3202

FAX: 713-240-3350



• All Public Schools and State University POs Welcome
• #1 in Customer Satisfaction • #1 On Time Delivery
4413 Bluebonnet Dr., Stafford, Texas 77477

10 Years In
Business
Texas Owned
& Operated

- 2 FREE VHS TAPES if we can't ship on time
- All merchandise carries manufacturers U.S.A. warranty
- All products are factory sealed, No demos or refurbished goods
- 10 day defective exchange
- No extra charge to use your bank card
- All quoted prices are for mail order purchases only



ASK ABOUT OUR 2/3/5 YEAR, FULLY INSURED EXTENDED SERVICE CONTRACT

JVC VHS
QR-M7U

VHS-C MOVIE
11:1 MF Lens, Wireless Remote, 1 Lux Flying Erase Head.

JVC VHS
QR-SX90
Smallest Ever!

SUPER VHS-C HI-FI MOVIE
3 Lux, 8x1 Zoom, Fly. Erase Head, Dig. Superimp., Remote.

Nikon Hi8
VM-750

HI BAND 8MM MOVIE
10x Zoom, Image Stabilizer, Stereo, RC Time Code, Remote.

JVC VHS
QR-SZ1

SUPER VHS-C HI-FI MOVIE
22x1 Zoom, Hi-Fi Ster. Image stab., remote, Super Imposer

HITACHI
VM-H39

HI-8 8MM MOVIE
16x Zoom, Image Stab., Wireless Remote, 2 Lux

MITSUBISHI VHS
HS-C35

SUPER VHS-C HI-FI MOVIE
Interchange. Lens, Hi-Fi Stereo, Fly. Erase Head, Dig. Titrer

Panasonic VHS
PV-1Q203

VHS-C MOVIE
10x Zoom, 1 Lux, Fly. Erase Head, Full Auto Operation

SONY

VHS HI8 VHS
NORTH AMERICA'S LARGEST DISTRIBUTOR OF AUDIO/VIDEO TAPES

Panasonic VHS
PV-900

FULL SIZE VHS MOVIE
12x Zoom, 2 Lux, Hi-Speed Shutter, Flying Erase Head

RCA
PRO-865

8MM MOVIE
8x Zoom, 3 Lux, 2pg Titrer, Wireless Remote

JVC
CAMCORDERS
GR-AX55 GR-M7U
GR-M3U GR-AX33
GR-M5U GR-AX5U

Panasonic
CAMCORDERS
MANY MANY MODELS!
PLEASE CALL FOR PRICE

Canon
CAMCORDERS
UC COLOR UC-1
E-210 UC-A-1 (Dig)
UC-20 L-1

RCA
CAMCORDERS
CC-407 PRO 870
CC-507 PRO 880
CC-517 CC-187

RICOH
CAMCORDERS
R-15 R-68
R-18H R-86S
R-108H R-105

MITSUBISHI
DIGITAL PIC IN PIC from 27" to 35"
700 Lines Resolution, Surround Sound, CCD Comb filter
NEW 40" TUBE CS-40FX1 IN STOCK
CS-27X1 CS-31AX1 CS-35AX1
CS-27M1 CS-31FX1 CS-35FX1
CS-31MX2 CS-35FX2 CS-35MX1

RCA TV's

We carry a complete line of RCA TV's from 27" to 35"

MITSUBISHI Big Screen TV's
DIGITAL PIC IN PIC from 40" to 70"
700 Lines Resolution, Up to 340 ft lamberts, Learning Remote
VS-45VA2 VS-60VA2
VS-50VA1 VS-60VF1
VS-50VP2 VS-70VF2

Canon
UNBEATABLE PRICES!!
A-1 DIGITAL

10x Zoom, Digital Special Effects
L-1

Inter-changeable lenses!
15x Zoom, Interchangeable Lenses
E-250

NEW!
12x Zoom, Hi-Fi Stereo Sound

HOME THEATER SYSTEM
Pro-Logic Receivers, Amplifiers, CD Players, Tape Decks & Speakers

TOSHIBA
ALL NEW 1992 MODEL
27", 30", 32", 35", 55"
NEW 35" CF-3572 & CF 3586 IN STOCK
CF-3272 CF-3275 CF-3082 CF-3072
CF-3286 CX-32CB/31
NEW 48" & 55" NOW AVAILABLE!!
DIGITAL PIC IN PIC from 27" to 55"
700 Lines Res., DBX Noise Reduction, Ext. Speaker Terminals, 3AV In/Out, Dual RF Inputs, Univ. Remote Control

JVC ALL NEW HYPERBASS SURROUND SOUND
ALL New 27", 31", 32", 35"
AV-27THS, AV-31BMS, AV-31BPS
AV-32BX3, AV-38BP3, AV-35BX3
DIGITAL PICTURE IN PICTURE
Up to 800 Lines Resolution, S-VHS Input, Dolby Surround Sound, Detachable Speaker Video Noise Red., Notch Filter, Digital Command Remote with Art. Intelligence

HITACHI Ultravision
TOP RATED!
60" 60SX2-K
50" 50UX10-B
50" 50UX11-K
46" 46UX10-B
46" 46UX11-K
1000 Lines Reso, Dolby-Hall Matrix, S-VHS Input

Front Screen Projectors

We carry a wide variety of front screen video projectors with Images up to 150"

MITSUBISHI VHS
HS-U67

SUPER VHS HI-FI STEREO
Twin Flying Erase Heads, Pre-roll, Index Search, 250x speed Rewind Shuttle.
ALSO AVAILABLE
HS-U82 HS-U57 HS-U56P
HS-U65 HS-U56 HS-U36

TOSHIBA VHS
SV-F990

SUPER VHS EDIT RECORDER
Video Scanner, Digital Special Effects, Jog Shuttle
TOSHIBA
VHS VCRS
SV-F990 M-458
M-758 M-448
M-658 M-228

Panasonic VHS
PV-S4280

SUPER VHS EDIT RECORDER
Jog/Shuttle Control, Fly. Erase Head, Synchro-Edit LCD Prog.
Panasonic
VHS VCRS
PV-2301 PV-4264
PV-4301 PV-S4266
PV-4351 PV-S4270

JVC HR-S6800U

SUPER VHS HI-FI STEREO
Jog Shuttle for Fine Editing, Flying Erase Head, Built in Sound Processor, On Screen Programming, Audio/Video in.
ALSO AVAILABLE
HR-S4700U HR-VP48U
HR-D990U HR-DX62U
HR-VP66U HR-DX42

SONY VHS
GUARANTEED LOWEST PRICES!

INDUSTRIAL VHS HI-FI VCR
Swing Shuttle, Audio Dubbing, On Screen Menus, Auto Repeat
NOW AVAILABLE
SVO-1410 SVO-160

VIDEO ACCESSORIES

We carry a complete line of tripods, lights, filters, lenses, edit processors, batteries and tapes for all your video needs

Panasonic
PV-VP1

COLOR VIDEO PRINTER
Color Photographs from any Video Source at the touch of a button!

Panasonic CD VIDEO
LX-900/LX-101

Auto Rev., Plays all 5 Disc Sizes, Time Base Correct., S-VHS Video Output, D/Audio

Panasonic
Phones & Faxes

Call to check on our wide variety of phones & faxes from Panasonic and others

Panasonic VHS
WJ-AVES/WJ-AVE3

S-VHS PRODUCTION MIXER
Digital Special Effects, 99 Different Wipes, Fades, Dissolves, Superimpose.

VIDEONICS
New Thumbs-Up Now Available!

TU-1 EM-1 SE-1 TM-1 VE-1
Titlemaker, Edit Maker, Sound Effects Generator and Video Equalizer Now Available

RATED #1 IN SERVICE, SELECTION, AND SATISFACTION

ALL EQUIPMENT IS FACTORY FRESH WITH FULL MANUFACTURERS WARRANTY

FACTORY DIRECT

Div. of THE SMARTER IMAGE
35 W. 35TH ST. NEW YORK, N.Y. 10001

OVERNIGHT DELIVERY GUARANTEED

INFORMATION PAL/SECAM 24 HR. FAX
(212) 564-4398 (212) 564-4399 (212) 643-9727



TELEVISIONS
JVC-RCA-SONY
HITACHI-TOSHIBA
ZENITH-PIONEER
MITSUBISHI
PANASONIC

(800) 695-3535
FOR ORDERS ONLY

WHOLESALE PRICES
DIRECT TO CONSUMERS

HOME THEATER HEADQUARTERS, FOR LOW PRICE CALL (212) 564-4398

PAL-SECAM- MULTISYSTEM UP TO 50% OFF!!!

PANASONIC CAMCORDER

PV-IQ403...597
PV-303...579
PV-42...739
PV-503...CALL
PVS-62...929
PVS-372...1049
PV-362...799
PV-760...829
PVS-770...949
VCR'S
PV-4250...259
PV-4260...269
PV-4264...379
PV-4361...319
PV-4280...559
PVS-4990...1029

TOSHIBA

M-648...289
M-658...305
M-758...349

MITSUBISHI

HS-U56...319
HS-U56P...CALL
HS-U57...389
HS-U67...CALL
HS-U82...1079

TV'S CALL FOR LOW PRICE

SHARP

VLL-62...519
VLL-380U...CALL
VL-M6U...549
VL-MX7U...619

SHARPVISION

REBATE
NEW MODELS CALL
XV-120ZU...1999
XV-250U...BEST
XV-H30...PRICE
XV-10PU...LOW
SMA-80XV...LOW
SCREEN...109

WHERE'S MY CAMCORDER?!!



DON'T END UP LIKE THIS MAN! GIVE US A CALL!

CANON CAMCORDER

UC-S2...739
UC-S3...1249
E-250...549
E-350...CALL
A1 DIGITAL...1079
L-1...1699
ACCESSORIES
WILE LENS...49
TELE LENS...49
VL-30...84

RCA CAMCORDER

PRO-883HB...899
PRO-867...519
PRO-870...599
CC-187...599
LASER PLAYER
LDR-617...309
VDR-310 LASER...299
LDR-500 LASER...399

TV'S UP TO 50% OFF!

HITACHI CAMCORDER

VMH-39A...1079
VMH-36A...CALL
SPM-1A...579
VM-25A...LOW
VMS-1A...LOW
VM-S8200A...PRICE
VCR'S
VTF-351...289
VTF-362...LOW
VTF-462...PRICE
VTF-551...CALL
VTS-751...699

NEW PRODUCTS CALL!

VIDEO TAPE

MAXELL - TDK
SONY - SCOTCH
BASF - FUJI

T-120...1.99
T-160...3.39
T-120ENG...2.39
T-160 HGX...3.79
T-120 PRO...3.39
T-120 S-VHS...6.59
T-160 S-VHS...9.29
TC-30 EHG...3.39
STC-30XRS...7.29
8MM 60...2.69
8MM 90...3.19
8MM 120...3.39
Hi-8 MP60...4.49
Hi-8 MP90...5.19
Hi-8 MP 120...5.99
Hi-8 ME 60...8.19
Hi-8 ME 120...10.49

REWINDERS

8MM...24.95
PRO 8MM...59.95
VHS-C...29.95
VHS...8.95
BETA...29.95
PROVIDER...59.95

AUDIO TAPES

MAXELL-TDK
LOW PRICES!!

SONY TR-101

989
TR-200...829
TR-81...749
TR-71...587
EVO-150TR...1899
TR-31...CALL
FX-410...539
FX-510...599
FX-710...799

ACCESSORIES

SLV-393...239
SLV-595HF...339
SLV-696HF...379
SLV-R5...735
NEW MODELS...CALL
8MM
EVC-40...289
EVA-50...329
EVS-2000...CALL
EVS-3000...1219
GVA-40...629
GVS-50...719

ACCESSORIES

RME-300...489
RME-700...649
XVT-33...CALL
GP-TR GRIP...CALL
SPK-TRX...149
MPK-TRS...829
XVM-30...329

RICOH

R-15H...679
R-18H...1099

NIKON

VN-720...679
VN-750...1099

FUJI

F-120...LOW
F-122...PRICE
H-128...CALL
P-40U...289
P-701...619

YASHICA

KX-V1...879
KX-H3...1079

MINOLTA CAMCORDER

8-808...CALL
8-848...LOW PRICE
8-918...CALL
WIDE LENS...119

JVC

GR M-5U 549

GRM-7PRO...719
GRA-W1...829
GR-SZ1...1219
GR-AX50...619

VCR
HR-DX62...269
HR-DX66...329
HRVP-46...239
HRVP-66...309
HRS-4700...409
HRS-6800...539

ACCESSORIES

JXS-V55...339
JXS-300...179
JXS-900...449
RMV-50U...LOW
CBV-510U...PRICE
JXT-66...149
JXT-88...239

TV'S...CALL

VIDEO BATTERIES

2 HOUR...19.95
3 HOUR...39.95
6 HOUR...59.95
10 HOUR...69.95
20 HOUR...139.95
LENMAR...139.95

CHARGER... 39

TUNDRA

T-200...38 T-350...58
T-300...48 T-400...28

TRIPODS

VELBON

STR-470...59.95
STR-480...99.95
SX-881K...219.95

BOGEN

3170...89 3150...239
3131...204 3183...435
3163...109 3144...35
3140...189 3145...36

AMBICO

0541...64.95
0542...59.95
0543...47.95

TAMRON

FOTOVIX 3...599
FOTOVIX 2...LOW
EDITOR...PRICE

ELMO TRANSFER

UNDERWATER

EWA-MARINE
UW HOUSING...159
IKELITE...CALL
SONY MPK...CALL

LIGHTS

SUNPAK
CV20S...39.95
CV-20SA...54.95
CZ-200...49.95
CV300A...94.95
CV-300...64.95
SPARE BULB...18.95

AMBICO COOL-LUX

SIMA LOW PRICES CALL!!

MIKES

AZDEN
WMS-PRO...129.95
WRS-PRO...CALL
WM/T-PRO...99.95
WHX-PRO...157.95
DMH-60...41.95
CAM-3...41.95
WMS-200...84.95
ECZ-770...61.95
HS-V7...16.95
TRANSFER-IT...21.95

NADY

151VR...109
351VR...159
501VR...530
MCM-400...42

SAMSON-MR1

ECM-14...309
AT-831...359
ECM-44...359

VIDEO LENSES

TOKINA - RAYNOX
VIVITAR - KENKO
0.5X WIDE...39.95
2X TELE...39.95
3.5X TELE...84.95
4X TELE...109.95
2.5-5X ZOOM...329

SIMA

SCREEN WRITER 119
PRO-EDIT3...119.95
COPY KIT-3...64.95
EZ TITLER...28.95
FX-4...169
VIDEO PROP...24.95
SPM-2...19.95
SPM-3...39.95
SPM-4...59.95
SPM-5...57.95

STEADICAM

Because Life Doesn't Stand Still™
\$439

AMBICO

V-0635...78
V-6310...58
V-6306...72
V-6305...58
V-0629...38
V-0630...58
V-6300...CALL

VIDEONICS

EDIT MAKER 449
LIBRARIES...39
THUMBS UP...149
EQUALIZER...199
SOUND MIXER...119.95
TITLEMAKER...329

PAL / SECAM MULTI SYSTEM

110-220V
UP TO 50% OFF

CAMCORDER

8MM
SONY 549
HITACHI 599
CANON 699
SHARP 599
VHS
PANASONIC...599
HITACHI...699
VHS-C
PANASONIC...599
JVC...699

TV-VCR MULTI-SYSTEM

PANASONIC
AIWA
AKAI
JVC
SHARP
TOSHIBA
SONY
HITACHI
GRUNDIG
PHILIPS

VIDEO TRANSFER

\$10 PER HR.

PANASONIC

AG-450...995
AG-455...1499
AG-460...2579
AG-7450...CALL
AG-7650...CALL
AG-7750...CALL
AG-1960...879
AG-1970...CALL
AGA-96...279
WJ-AVE3...339
WJ-AVE5...1169
WJ-MX12...1619
WJ-MX-50...3795
AG-W1...1449
WJ-KB15...179
WJ-TTL5...209

MONITORS

13" FROM 229
20" IN STOCK
FUTURE VIDEO
EC-1000...CALL
EDIT LINK...CALL
SOFTWARE...CALL
EDIT LINK
V-STATION...CALL
2000DT...CALL

CITIZEN MARK-2

125
AC ADAPTOR...19
DC CORD...19
CASE...17
SONY XVM-30...329
5" COLOR...199
MONITOR W/ TUNER

SONY PRO

DXC-325/327...CALL
EVO-9700...4699

VIDEO PROJECTORS

FUJIP-40U...269
FUJIP-701...619

PANASONIC

PT-10L...829
PT-30L...LOW
PT-101Y...PRICE
PT-301Y...CALL
SONY...CALL

HOME OFFICE

TELEPHONES

AT & T
SONY
PANASONIC
SHARP
MURATA
CANON
TOSHIBA
PANASONIC
BROTHER

HEWLETT PACKARD COMPUTERS

ROLODEX

EL128K...114
EL64K...114
2-0...58 485...127
7B...41 485X...219
19B...36 95LX...369

PIONEER... LOW PRICE

SONY... PRICE
JVC... CALL

OTHER BRANDS IN STOCK

RECEIVERS
CD PLAYERS
CASSETTE DECKS
SPEAKERS
LASER DISC
KARAOKE
UP TO 50% OFF

MINI COMPONENTS

SONY... LOW
AIWA... LOW
PIONEER... PRICE
JVC... CALL

CAR STEREO

UP TO 50% OFF
SONY... FOR PIONEER... LOW
ALPINE... LOW
KENWOOD... PRICE
SPEAKERS... CALL

PORTABLE CD

SONY
D-34...168 D311...229
D-111...137 D802...163
D-113...149 D808...199
D-211...165 D515...309
JVC & AIWA...CALL
AIWA DAT IN STOCK!

WALKMANS

SONY
WMFX-43...72
WMFX-50...112
WMGX-35...99
WMDC-C...265

AIWA

HSPX-1000...249
HSJ-707...152
HSJX-707...279

WATCHMAN

FD-285...115
FDC-290...105
FD-555...119
FDL-380...269
FDL-3500...295

HEADPHONES

SONY-MDR
CD-666XR...107
D-888XR...107

WIRELESS

IF5K...98
IF-310K...89
IF-510K...139
JVC HA-W70...145
RCA WHF-101.124.95
NADY WH-90...76
ARKON
IR-1200...62.95

RADARS

BEL
936W...105 966W...185
956W...119 966SW...199
956WR...165 990M...175
UNIDEN
RD-6000W...109
RD-7000W...109

AUTHORIZED DEALER - USA WARRANTY INCLUDED

WE SHIP WORLDWIDE

Quantity limited. We are not responsible for typographical errors. Our prices reflect cash price and are good for mail order only. Shipping and handling extra and non-refundable. Returns and exchanges must be within seven days, and are subject to a ten percent restocking fee. CA900183601

Мы говорим по-русски

SE HABLA ESPANOL

OPEN: MONDAY-FRIDAY

SATURDAY-SUNDAY

9AM-6PM

10AM-5PM

New West ELECTRONICS

*The folks
who care...*

AMERICA'S
BEST SOURCE
FOR THE
HOTTEST
HOME
THEATRE
PRODUCTS

JVC
harman/kardon

///ADVENT
TOSHIBA
HITACHI

 **PIONEER**



ALL MAJOR BRANDS
1-800-488-8877
[SAME IN CANADA]

NEW WEST ELECTRONICS
4120 MERIDIAN
BELLINGHAM, WA 98226
A DIVISION OF CLARITY ELECTRONICS

Circle 38 on Reader Service Card.

SYSTEMS

continued from page 49

cal projectors available. Its screen is large enough to make a dramatic impact, especially in apartment settings, and apartment dwellers will appreciate the set's shallow 27-inch depth. When cost is measured against performance, the speaker series from DCM Corp. is a tough lineup to beat. The smallest of DCM's floor-standing TimeFrame speakers, the TF-400, can be matched with three of its CX07 speakers and the SUB-712 subwoofer to create a potent theater package that's also exceptionally musical.

THEATER 3: SOMETHING WILD

It's time to make the leap into home theater with eye-popping proportions. This is where front-screen projection comes in, to transform the rolling seas in *The Hunt for Red October* into room-size swells extending 84 inches from corner to corner. This is the world of two-piece television.

Front projectors aren't cheap, but since we're working with a budget of \$12,000, you'll still be standing on solid ground by allocating \$6,700 for Pulsar's Prodigy Excel. That's the price with a TV tuner built in, and we might as well go for it. Pulsar doesn't have the high profile of some other brands, but what it can do with a fine laserdisc leaves little to be wished for.

The projection screen is critical. Although you can simply project the image onto a white wall, a properly reflective screen will brighten your picture, assure the widest possible viewing angle and eliminate hot spots where brightness intensifies to a glare. A so-called double-curved screen boosts brightness evenly and affords vivid images even in daylight. The drawback is that the screen is always there.

That's why I prefer a motorized flat screen, also known as a drop screen. When the lights come up, the screen scrolls up and out of sight. Since a flat screen doesn't produce the high contrast of a double-curved screen, using one may require window treatments to ensure a darkened room. This makes it less than ideal for casual viewing situations in which your spouse would rather read while you watch. But a well-designed drop screen can make your living room look better than the Bijou. A good model to consider is Da-Lite's seven-foot, "pearlescent"-coated Design Da-Tab Electrol, for \$2,163.

With \$12,000 to spend, there's little

need to agonize over the electronics. Yamaha's flagship RX-V1070 receiver, with digitally souped-up Dolby Pro-Logic and beefy amplifiers (110 watts across the front), is my big-time pick. For video sources, I'll start with Pioneer CLD-D502, the successor to the CLD-D501, and add my favorite VCR, Mitsubishi's S-VHS HS-U67, a model of user friendliness and a stellar performer.

Allowing for a conservative 10 percent discount lets us take advantage of Acoustic Research's well-tailored line to assemble a surround sound array that matches up well with the Yamaha receiver. For front stereo, I recommend a pair of Model 4.5 speakers. These small, floor-standing units can handle the bottom end handily enough to spare the need for a subwoofer. For the center channel, there's the MC.1, and for ambience, the diminutive bookshelf M.5.

SYSTEM 3 VARIATION

Of course, some people just don't like front projectors, usually because of their sensitivity to room light. Or you may not have room for a seven-foot screen. Or you may just prefer the picture quality in a first-class rear-screen projector. For any of these reasons, especially the latter, Pioneer's 55-inch Elite Prol06 is an excellent alternative.

While we're revamping, let's replace our standard receiver and speakers with a complete THX package, electronics and speakers together. Until recently, this would have consumed our entire budget and then some. But Kenwood has come up with an integrated set of THX-approved electronics—processor and amplifiers—for \$2,000. Meanwhile, Altec Lansing has introduced a complete THX speaker system for \$3,000. So for five grand you can hear *The Abyss* in minutely proportioned suboceanic surround, exactly as intended.

As a laserdisc alternative, consider Marantz's LV-500, a high-performance design that lets you black out the TV screen (and the machine's front display) for a more cinematic experience.

Let's use what's left in our budget to augment the THX array with speakers to be used strictly for music. Our choice for this task is AR's slim, floor-standing M6 speakers. At \$1,200 a pair, the M6 is the most satisfying speaker I've heard, top to bottom, anywhere near the price. Kenwood's 100-watt-per-channel THX amp should deliver power aplenty.

A great home theater system adds tremendous flexibility to home entertainment. The three ways we've shown to make home theater equipment work for you should help take some of the confusion out of mixing and matching components and serve as a starting point for customizing your own system. ■

New West

ELECTRONICS

...the
folks
who
care

- CAMCORDERS • VCRS
 - INDUSTRIAL
- TVs AND MONITORS
- LASER DISC PLAYERS
- AUDIO COMPONENTS
 - SPEAKERS
 - KARAOKE
 - RADAR
- A COMPLETE LINE OF ACCESSORIES

• **FREE DELIVERY***



• **HONEST PRICE**

• **FRIENDLY SERVICE**

ALL MAJOR BRANDS

1-800-488-8877

[SAME IN CANADA]



CODs & POs WELCOME
NO ADDITIONAL CHARGE FOR CREDIT CARDS

**CALL TOLL-FREE MON-FRI: 6:30AM – 7:00PM,
SAT: 7:00 AM – 6:00 PM SUN: 7:00 AM – 5:00 PM PACIFIC TIME**

NEW WEST ELECTRONICS • 4120 MERIDIAN, BELLINGHAM, WA 98226
A DIVISION OF CLARITY ELECTRONICS, LTD.

*ON CAMCORDERS AND VCRS

Call Today For The Lowest Available Price! We Can't Be Beat!

Instant Financing Available*

Checks Welcome!

AUTHORIZED DEALER

Panasonic **KENWOOD**
BOSE **Infinity**
HITACHI **UCL** **SUNPAK**
Canon **TUNDRA**
MAGNAVOX **RICOH**
SHARP **RCA**
bogen **simo** **JVC**
CITIZEN
VIDEOINICS And Many More!

COLONEL VIDEO & AUDIO

(Sister Division of AV Distributors)

For The Most Comprehensive 64 Page Buyers Guide, Send A \$3 Check To The Address At The Bottom Of This Ad

24 Hour Order Processing

HOURS
 Mon-Sat 8 am-9 pm
 Sunday 10 am-6 pm (CST)

TEXAS HOSPITALITY

- Friendly, Honest, Knowledgeable Consultants
- No sales tax outside Texas
- Absolutely no grey goods
- We are an authorized dealer
- Full factory warranty
- Free catalog w/purchase
- We want your total satisfaction!

UNBEATABLE

MAIL ORDER VIDEO CAMCORDER DEALER

1-800-423-VCRS

(Orders Only)

713-486-8866

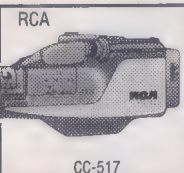
(Inquiries & Customer Service)

FAX # 713-486-8300

1-800-VIDEO-97

(Repeat Callers)

Home of the 3-5 year warranties • Backed up by an insurance company • No deductible • No out of pocket expense • Good nationwide, Mexico, Europe, Canada, ask for more info • Transferable & Renewable



Canon
CAMCORDERS
 E-65 L-1
 E-250 UC-S2
 AI DIGITAL UC-S3
 E-350

We Stock All Canon Accessories



RCA

CAMCORDERS
 CC 407 PRO 820
 CC 507 PRO 825
 CC 517 PRO 860
 PRO 807 PRO 867
 PRO 815 PRO 870
 PRO 880

VIDEO RECORDERS
 VR-506 VR-657HF
 VR-526 VR-667HF
 VR-536 VR-800HF

HITACHI

CAMCORDERS
 VMH-39A VM-4400A
 VMH-38A VM-5400C

VIDEO RECORDERS
 VTF-462 VTF-362
 VTS-751

PROJECTION TV's

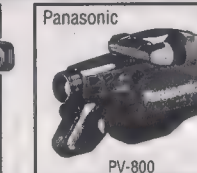


LASER DISC



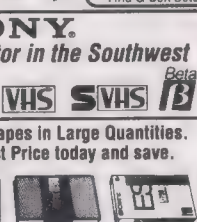
SONY
 Largest Distributor in the Southwest
 Video 8 Hi 8 VHS SVHS Beta
 We stock all format tapes in Large Quantities.
 Call for Your Lowest Price today and save.

Televisions
 • Large Selection
 All Makes

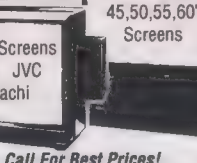


Panasonic

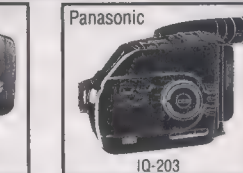
Laser Disc Hotline!
 Largest Selection!
713-486-3939
 Animation, Hard to Find & Box Sets



43"-100" Rear Screens and LCD Projectors

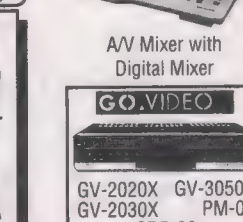


Call For Best Prices!

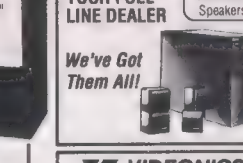


Panasonic

Full Line Dealer
 Call For Great Prices



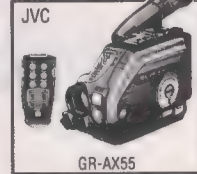
GO.VIDEO
 GV-2020X GV-3050X
 GV-2030X PM-01
 CRP-02
 Great Selection! Low Prices!



Free Shipping on all Bose Speakers!



VM-39



GR-AX55



GR-SZ1

JVC
CAMCORDERS
 GR-AX35 GR-M3
 GR-AX55 GR-M7
 GR-AX90 GR-SZ1
 GR-S505

VIDEO RECORDERS
 HR-VP404 HR-S4700
 HR-VP604 HR-S4900
 HR-VP606 HR-S6700
 HR-VP700 HR-S6900

TELEVISIONS
 AV-20TP3 AV-31BP3
 AV-27TP3 AV-32BX3
 AV-27BP3 AV-35BP3
 AV-31BM3 AV-35BX3



SHARP
CAMCORDERS
 VLL-62U VLM-6
 VLL-72U VLM-X7



AMBICO
 AC/DC 20 Watt Video Light with 120° Tilt

simo
 PowerMax Plus 2
 12/110 volt Discharger Charger

AZDEN
 Professional VHF Wireless Microphone With 250' Range

Canon BESCOR
 TUNDRA
 Wide Selection
 • Telephoto
 • Wide Angle
 All Sizes All Brands

FILTERS
 Polarizers
 Circular Polarizer
 Sky Filters
 Neutral Density
 We've Got Them All

CD PLAYERS
 Large Selection
 Many Brands

Super Large Selection of Bookshelf and Component Systems
 Call For More Information

AMBICO
 bogen
 Tripods
 Fluid Head
 For Videos

VIDEOINICS
 TM-1
 S-VHS
 Color Character Generator
 Broadcast Quality
 • Over 1 million colors
 • 100 pages of memory
 • 12 fonts - 4 sizes
 • 8 scroll speeds
 • Shadow - Outline - Bold
 Your Full Line Videoinics Dealer - Best Prices!!!

Return or exchanges may be made within 7 days of receipt after prior authorization. All returned merchandise must be in new condition and include packaging and printed material in original unaltered condition. Returns may be subject to a restocking fee. Shipping and handling charges nonrefundable. We are not responsible for typographical errors. Shipping and handling extra. These are phone & mail order prices only. Prices are not valid in the showrooms or to the customers within 150 mile radius. If you wish to drive to the stores, please phone ahead to check the in-store price. Colonel Video and Audio-16451 Space Center Blvd., Houston, TX 77058 - Ask for details

Circle 40 on Reader Service Card.

"SHOPPING WITH US IS AS PLEASANT AS A WALK IN THE PARK"
TO ORDER TOLL FREE CALL!

MARINE PARK

CAMERA & VIDEO INC.

BUSINESS HOURS

Mon. - Thurs. 9:30am to 8:00pm
Friday 9:30am to 6:00pm
Closed Saturdays
Sunday 10:00am - 7:00pm
3126 AVENUE U
BROOKLYN, NY 11229

1-800-448-8811

FOR INQUIRIES ON PLACED ORDERS

LOCAL & OVERSEAS CALL

718-891-1844

FAX 718-891-8408

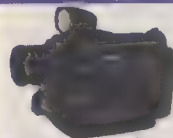
718-891-1878



WE ACCEPT MAJOR CREDIT CARDS
WITH ABSOLUTELY NO SURCHARGE

WE SHIP WORLDWIDE! OVERNIGHT SHIPPING AVAILABLE!

Panasonic



PV-S6Z \$994.99
Super VHSC • 20x1 Zoom • Image Stabilizer

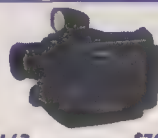
PV-14	539.99
PV-18	579.99
PV-19	489.99
PV-22	589.99
PV-32	739.99
PV-41	699.99
PV-52	759.99
PV-332	659.99
PV-362	799.99
PV-S372	1044.99

PROFESSIONAL INDUSTRIAL LINE

AG-460	2399.99
AG-455	1479.99
AG-450	1049.99
AG-195	849.99

VCRs

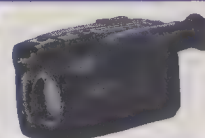
AG-W1	1499.99
AG-5700	1159.99
AG-1970 TBC	CALL
AG-1740	349.99
AG-1270	244.99
WJ-MX50	3749.99
WJ-MX12	1549.99
WJ-AVE5	1179.99
WJ-AVE3	349.99
WJ-TTL5	219.99
AG-A96	284.99
CT-1383YMON	229.99



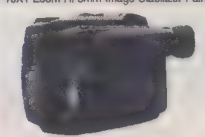
PV-42 \$769.99
20x1 Zoom • Image Stabilizer • 1 Lux • Wireless Remote

PV-700	479.99
PV-704	484.99
PV-710	569.99
PV-720	629.99
PV-750	764.99
PV-760	849.99
PV-770	974.99
PV-800	CALL
AG-455	CALL
AG-460	2749.99

SONY



CCD-TR101 \$1019.99
10X1 Zoom • Hi-8mm Image Stabilizer • Palm Size



CCD-TR71 \$589.99
10X1 Zoom • Hi-Fi • 2 Lux • Palm Size

CCD-TR300 CALL

CCD-TR31 ... 564.99

CCD-TR51 ... 499.99

CCD-TR61 CALL

CCD-TR81 ... 789.99

CCD-TR9 ... 529.99

CCD-FX310 ... 519.99

CCD-FX410 ... 559.99

CCD-FX520 CALL

CCD-FX710 ... 799.99

CCD-F301 ... 449.99

CCD-F401 ... 519.99

CCD-F501 ... 609.99

CCD-V701 ... 789.99

CCD-V801 ... 829.99

CCD-V5000 1799.99

CCD-VX3 CALL



CCD-TR200 \$839.99
Hi-8 • Home Terminal Feature • Super Quick Zoom • 410,000 Pixels

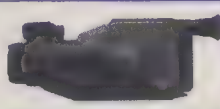


CCD-FX510 \$619.99
10X1 Zoom • 1 Lux • Hi-Fi

JVC



GR-M5U \$564.99



GR-M3U \$499.99

SHARP



Canon



VIDEO

Reader Service Card

Name _____
Address _____
City _____ State _____ Zip _____
Telephone Number (with Area Code) _____

1. Do you currently own a laserdisc player? Yes ☐ A No ☐ B
2. Do you plan to purchase one within the coming year? Yes ☐ C No ☐ D
3. How many titles do you/would you purchase per year on laserdisc?
1-5 ☐ E 6-25 ☐ F More than 25 ☐ G
4. Where do you currently purchase laserdiscs?
Chain Store ☐ H Specialty Store ☐ I Mail Order ☐ J
5. Do you currently rent laserdiscs?
Yes ☐ K No ☐ L Rental not available ☐ M
6. How familiar are you with the availability of new and upcoming laserdisc product?
Can't seem to find information about laserdiscs ☐ N
Somewhat aware of new releases and availability ☐ O
Very aware of all laserdisc releases ☐ P
7. Would you be interested in receiving monthly new release information?
Yes ☐ R No ☐ S
8. Are you currently a subscriber to VIDEO? Yes ☐ T No ☐ U

Please circle product numbers to receive desired information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165
166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195

Allow 6-8 weeks for delivery. Card expires 9/19/93. RS693

VIDEO

Reader Service Card

Name _____
Address _____
City _____ State _____ Zip _____
Telephone Number (with Area Code) _____

1. Do you currently own a laserdisc player? Yes ☐ A No ☐ B
2. Do you plan to purchase one within the coming year? Yes ☐ C No ☐ D
3. How many titles do you/would you purchase per year on laserdisc?
1-5 ☐ E 6-25 ☐ F More than 25 ☐ G
4. Where do you currently purchase laserdiscs?
Chain Store ☐ H Specialty Store ☐ I Mail Order ☐ J
5. Do you currently rent laserdiscs?
Yes ☐ K No ☐ L Rental not available ☐ M
6. How familiar are you with the availability of new and upcoming laserdisc product?
Can't seem to find information about laserdiscs ☐ N
Somewhat aware of new releases and availability ☐ O
Very aware of all laserdisc releases ☐ P
7. Would you be interested in receiving monthly new release information?
Yes ☐ R No ☐ S
8. Are you currently a subscriber to VIDEO? Yes ☐ T No ☐ U

Please circle product numbers to receive desired information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165
166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195

Allow 6-8 weeks for delivery. Card expires 9/19/93. RS693

CANON NIKON MINOLTA PENTAX VIVITAR TOKINA SONY JVC PANASONIC SHARP PIONEER

Call Today For The Lowest Available Price! We Can't Be Beat!

Instant Financing Available

Checks Welcome!

AUTHORIZED DEALER

Panasonic **KENWOOD**
BOSE **Infinity**
HITACHI **UJBL** **SUNPAK**
Canon **TUNDRA**
MAGNAVOX **RICOH**
SHARP
bogen **simo** **RCA**
CITIZEN **JVC**
VIDEONICS And Many More!

COLONEL VIDEO & AUDIO

(Sister Division of AV Distributors)

For The Most Comprehensive 64 Page Buyers Guide, Send A \$3 Check To The Address At The Bottom Of This Ad

COLONEL VIDEO & AUDIO
 VISA MasterCard Discover

24 Hour Order Processing

HOURS
 Mon-Sat 8 am-9 pm
 Sunday 10 am-6 pm (CST)

UNBEATABLE

MAIL ORDER VIDEO CAMCORDER DEALER

TEXAS HOSPITALITY

- Friendly, Honest, Knowledgeable Consultants
- No sales tax outside Texas
- Absolutely no grey goods
- We are an authorized dealer
- Full factory warranty
- Free catalog w/purchase
- We want your total satisfaction!

Canon



L1

Canon



AI DIGITAL

1-800-423-VCRS

(Orders Only)

713-486-8866

(Inquiries & Customer Service)

FAX # 713-486-8300

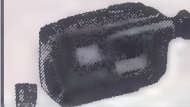
1-800-VIDEO-97

(Repeat Callers)



Home of the 3-5 year warranties • Backed up by an insurance company • No deductible • No out of pocket expense
 • Good nationwide, Mexico, Europe, Canada, ask for more info • Transferable & Renewable

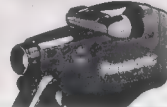
Ricoh



Ricoh



Panasonic



Panasonic



Hitachi



VM-39

JVC



GR-AX55

460 West 34th Street
 New York, NY 10117-0460

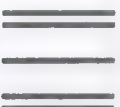
VIDEO



PLACE
 STAMP
 HERE

460 West 34th Street
 New York, NY 10117-0460

VIDEO



PLACE
 STAMP
 HERE

"SHOPPING WITH US IS AS PLEASANT AS A WALK IN THE PARK!"
TO ORDER TOLL FREE CALL!

MARINE PARK

CAMERA & VIDEO INC.

BUSINESS HOURS
Mon. - Thurs. 9:30am to 8:00pm
Friday 9:30am to 6:00pm
Closed Saturdays
Sunday 10:00am - 7:00pm
3126 AVENUE U
BROOKLYN, NY 11229

1-800-443-8811

FOR INQUIRIES ON PLACED ORDERS

LOCAL & OVERSEAS CALL

718-891-1844

FAX 718-891-8408

718-891-1878



WE SHIP WORLDWIDE! OVERNIGHT SHIPPING AVAILABLE!

Panasonic

PROFESSIONAL INDUSTRIAL LINE

PV-S62 \$994.99
Super VHSC • 20x1 Zoom • Image Stabilizer

PV-14 539.99
PV-18 579.99
PV-19 489.99
PV-22 589.99
PV-32 739.99
PV-41 699.99
PV-52 759.99
PV-332 659.99
PV-362 799.99
PV-S372 1044.99

AG-460 2399.99
AG-455 1479.99
AG-450 1049.99
AG-195 849.99

VCRs

AG-W1 1499.99
AG-5700 1159.99
AG-1970 TBC CALL
AG-1740 349.99
AG-1270 244.99
WJ-MX50 3749.99
WJ-MX12 1549.99
WJ-AVE5 1179.99
WJ-AVE3 349.99
WJ-TTL5 219.99
AG-A96 284.99
CT-1383Y MON 229.99

PV-42 \$769.99
20x1 Zoom • Image Stabilizer • 1 Lux • Wireless Remote

PV-700 479.99
PV-704 484.99
PV-710 569.99
PV-720 629.99
PV-750 764.99
PV-760 849.99
PV-S770 974.99
PV-800 CALL
AG-455 CALL
AG-460 2749.99

CCD-TR101 \$1019.99
10X1 Zoom • 1/8mm Image Stabilizer • Palm Size

CCD-TR71 \$589.99
10X1 Zoom • Hi-Fi • 1 Lux • Palm Size

CCD-TR300 ... CALL
CCD-TR31 ... 564.99
CCD-TR51 ... 499.99
CCD-TR61 ... CALL
CCD-TR81 ... 789.99
CCD-TR9 ... 529.99
CCD-FX310 ... 519.99
CCD-FX410 ... 559.99
CCD-FX520 ... CALL
CCD-FX710 ... 799.99
CCD-F301 ... 449.99
CCD-F401 ... 519.99
CCD-F501 ... 609.99
CCD-V701 ... 789.99
CCD-V801 ... 829.99
CCD-V5000 1799.99
CCD-VX3 ... CALL

CCD-TR200 \$839.99
Hi-8 • Home Terminal Feature • Super Quick Zoom • 410,000 Pixels

CCD-FX510 \$619.99
10X1 Zoom • 1 Lux • Hi-Fi

JVC

GR-M5U \$564.99
GR-M3U \$499.99

GR-S21 1189.99
GR-A2 489.99
GR-A5 489.99
GR-A10 579.99
GR-A50 649.99

GR-AW1 WATER RESISTANT 849.99
GR-MTU PRO 749.99
GR-S505 929.99
GR-SX90 794.99
PLEASE CALL FOR OTHER JVC PRODUCTS

SHARP

VL-MX7 \$629.99
VL-L50U \$529.99

VL-L30U 499.99
VL-L60U 799.99
VL-L240U CALL
VL-L380U CALL

VL-L62 539.99
VL-L72 679.99
VL-MX7 TWIN 8MM COLOR V.F. 629.99
VL-MX6 TWIN 8MM 539.99

Canon

L-1 (PRO) \$1799.99
A-1 DIGITAL \$1124.99

L-1 Pro 1799.99
A-1 Digital 1124.99
UC-S1 729.99
UC-S3 1319.99
UC-S2 779.99

E-65 489.99
E-61 489.99
E-57 579.99
E-350 CALL

E-250 509.99
E-210 484.99
H-850 659.99
E-08 599.99

RCA

Pro807 CALL
Pro860 CALL
Pro870 619.99
Pro880 769.99
Pro883 CALL

CC-407 509.99
CC-507 CALL
CC-512 589.99
CC-515 579.99
CC-525 619.99
CC-560 CALL
CC-177 549.99
CC-187 619.99

MINOLTA

8-918 CALL
8-848 CALL
8-808 CALL
8-438 CALL
8-428 CALL
8-418 CALL

C-618 CALL
C-538 CALL
C-518 CALL
C-516 CALL
V-118 CALL
V-228 CALL

RICOH

NEW! R-8TH IN STOCK
Hi-8 • Home Terminal Feature • Super Quick Zoom • 410,000 Pixels
CALL

R-18H IN STOCK
Hi-8 • Digital Image Stabilization • 10:1 Zoom
CALL

HITACHI

VM-H38A CALL
Hi-8 • Digital Image Stabilizer • 8x-16x-64x Zoom • 470,000 Pixels • Hi-Fi Stereo • 2 Page Title • 2 Lux And More!
CALL

VM-H39A CALL
VM-H38A CALL
VM-H18A CALL
VMSP1A Water Resistant CALL
VM-2500A CALL
VM-4400A CALL
VM-5400C CALL
VM-S8200A CALL
VME-23A CALL
VME-25A CALL

SONY

VCR'S

8MM

EV-A50 339.99
EV-C40 304.99
EV-S550 469.99
EV-S2000 CALL
EV-S3000 1234.99
EV-S900 1299.99
GV-S500 769.99
GV-S50 744.99
GV-M20 564.99
PLEASE CALL FOR OTHER SONY PRODUCTS

VHS

SLV-595 364.99
SLV-393 244.99
NEW SLV-400 CALL
NEW SLV-900 CALL
SLV-696HF 379.99
SLV-R5 744.99

BETA

SL-S600 259.99
SL-HF360 349.99
SL-HF8700 699.99
SL-HF2100 1239.99

Panasonic

VCR'S

Call For Latest Models

PV-2201 169.99
PV-2210 179.99
PV-4151 284.99
PV-4164 329.99
PV-4201 194.99
PV-4210 199.99
PV-4214 219.99
PV-4250 264.99
PV-4260 284.99
PV-4262 319.99
PV-4264 389.99
PV-S4266 399.99
PV-S4270 419.99
PV-S4280 559.99
PV-S4770 CALL

JVC

VCR'S

HR-DX22 179.99
HR-DX42 204.99
HR-DX62 279.99
HR-DX66 359.99
HR-VP46 249.99
HR-VP66 324.99
HR-D820 259.99
HR-D980 369.99
HR-D990 364.99
HR-S4700 419.99
HR-S6800 559.99

RCA

VCR'S

VR-657HF .. 269.99

VR-667HF CALL
VR-536 239.99
VR-526 219.99
VR-506 214.99
VR310 189.99
VR319 179.99
VR-800 8mm CALL
LDR-500 Laser Disc CALL
LDR-310 Laser Disc CALL

PIONEER

RECEIVERS

VSX-D15 769.99
VSX-900S 629.99
VSX-D901S 649.99
VSX-D701S 439.99
VSX-D601 369.99
VSX-S11S 319.99
VSX-S01 279.99
VSX-A51 239.99
VSX-A01 219.99
SK-311R 149.99
SK-201 119.99

CASSETTE DECKS

CT-WM70R 299.99
CT-WM60R 259.99
CT-W901R 299.99
CT-W801R 224.99
CT-W701R 214.99
CT-W601R 189.99
CT-W501R 149.99
CT-W450R 139.99
CT-W401R 129.99
CT-W301 119.99

CD'S PLAYERS

PD-S501 159.99
PD-201 119.99
PD-M601 169.99
PD-M801 219.99
PD-TM2 294.99

PD-101 104.99
PD-M501 149.99
PD-M701 184.99
PD-M901 249.99

ACCESSORIES

VIDEONICS

Edi Maker 459.99
Video Equalizer 219.99
Thumbs Up Video Editor 169.99
Processor Plus 169.99
Sound Effects Mixer 114.99
Video Title Maker 349.99
Direct Ed Plus 359.99

DIRECT ED PLUS

Pro Ed Upgrade 554.99
Production Assistant 64.99
Graphics Library 37.99
Video Plug 23.99
Expansion Modules 224.99
Super Production Asst 64.99

ACCESSORIES

SIMA

Edi'it 2 88.99
Edi'it 3 129.99
FX EDi'it 4 CALL
Screenwriter 127.99
Copy Kit 2 33.99
Copy Kit 3 69.99
Stereo Sound Mixer 39.99
Video Plug 23.99
Booster Box 19.99

ACCESSORIES

CITIZEN

3 INCH COLOR MONITOR

M-329 119.99

M-329 Mkl CALL
TV Tuner 59.99
Car Adapter 29.99
AC Adapter 19.99
M-329 3 inch color Monitor 119.99
IN PAL available 119.99

ACCESSORIES

SUNPAK

NEW! CZ200 Auto 54.99
NEW! CZ200 44.99
CV300 Auto 79.99
CV-300 49.99
CV-320 39.99
CV-205 Auto CALL
Ready Light CALL
Remote Control AutoPan Head 229.99

ACCESSORIES

JVC

JX-T66 Character Generator 164.99
JX-T88 Character Generator 259.99
JX-SV55 Video Editing Processor 359.99
JX-S300 AV Selector 189.99
JX-S300 Remote Control 464.99
AVIS-VHS Switcher 464.99

SONY

RECEIVERS

STR-D 2090 619.99
STR-D 1090 389.99
STR-D 990 289.99
STR-D 790 239.99
STR-D 590 189.99

LASER DISCS

MDP-333 349.99
MDP-605 599.99
MDP-455 349.99
MDP-K5 Karaoke 739.99

CASSETTE DECKS

TC-WR875 299.99
TC-WR790 234.99
TC-WR690 189.99
TC-WR590 149.99
TC-WR490 139.99
TC-521 189.99

CD'S

CDP-C910 284.99
CDP-C725 264.99
CDP-C525 234.99
CDP-C325 164.99
CDP-C225 149.99
CDP-991 189.99
CDP-591 149.99
CDP-491 99.99
CDP-497 CALL
CDP-597 CALL
CDP-397 CALL

MINI COMPONENT SYSTEM

MHC-1750 439.99
MHC-2750 579.99
MHC-3750 719.99

RME-300 479.99
RME-700 629.99

JVC

RECEIVERS

RX-1050 VTN 839.99
RX-905 VTN 579.99
RX-807 VTN 339.99
RX-707 VTN 269.99
RX-507 VTN 219.99

CASSETTE DECKS

TD-W805 TN 209.99
TD-W707 TN 169.99
TD-W307 TN 144.99
TD-V1050 TN 369.99
TD-V541 TN 189.99

CD'S

XL-Z1050 TN 439.99
XL-Z451 TN 124.99
XL-Z407TN 189.99

Prices Valid only through the corresponding Magazine Issue. All Merchandise is brand new. To Order: Use any major credit card. COD's are welcome or send a money order, certified check or cashiers check. Please allow 4 weeks for Personal checks. Call for Shipping & Handling charges. Any refunds or exchanges must be made within 14 days of receipt of goods. All returns are subject to a 5% restocking fee. Shipping and Handling fees is non-refundable. All returns must be in original retail condition with original packing and unopened warranty cards. Manufacturers box must be clean of any tape, writing or mutilations. NO EXCEPTIONS. These are phone and mail order prices only. Store prices and availability are different. If you wish to come into the store, please call ahead to check on availability and to reserve merchandise with salesperson. Remember the salesperson's name. Some products carry international warranties. USA warranted products vary in cost. Quantities are limited. We reserve the right to limit quantities. Not responsible for typographical errors.

Circle 41 on Reader Service Card.

SALE!

CABLE TV DESCRAMBLERS WE'LL BEAT ANY PRICE! CALL TOLL-FREE 1-800-284-8432

- JERROLD • TOCOM • ZENITH •
- OAK • PIONEER • HAMLIN •
- SCIENTIFIC ATLANTA •

**24 HOUR SHIPMENTS!
QUANTITY DISCOUNTS!
MONEY BACK GUARANTEE!
FREE CATALOG & INFORMATION**



Mastercard • American Express • Visa • C.O.D.
HAVE MAKE AND MODEL NUMBER OF EQUIPMENT USED IN YOUR AREA
1-800-284-8432

FOR ORDERS ONLY
For technical & customer service: 305-749-3122

ALL SHIPPING & HANDLING FEES AT CUSTOMER'S EXPENSE
Anyone implying theft of service will be denied assistance.

CABLE WAREHOUSE

10117 WEST OAKLAND PARK BLVD., SUITE 515, SUNRISE, FL 33351
NO FLORIDA SALES

ISLAND

continued from page 51

35mm film—period. But the best special-edition discs actually *beat* the theatrical experience by giving you enhanced ways to watch great movies. There's no more indispensable example than this CAV edition, which intercuts finished, full-color shots with rough, pencil-sketch footage. But the biggest advantage over a cineplex screening is that you can slow down the complex action, taking it in frame by overstuffed frame. The opening number alone, with Belle strolling through town engrossed in a book, shows dozens of citizens haggling with merchants in the background. Their mundane concerns explain Belle's detachment, and you can't catch it all without CAV freeze-framing.

Raging Bull (Criterion CAV edition). The equally rich spectacle of a real-life beast, boxer Jake LaMotta, makes this another must-have laserdisc. Director Martin Scorsese and editor Thelma Schoonmaker offer rapid-fire analog-track commentary, while still-frame script excerpts give a fascinating counterpunch to the finished dialog.

The Godfather Trilogy, 1901-1908 (Paramount). You can't refuse this boxed set as a cornerstone of any laserdisc collection. Only home video could accommodate this 10-hour, chronological re-edit of Francis Coppola's gangster epic, and only laser lets you chapter-skip instantly to your favorite Corleone year.

RUNNERS-UP:

Bye Bye Birdie

(Pioneer Special Editions)

Manhattan (MGM/UA)

Mr. Hulot's Holiday (Criterion)

Dr. Strangelove or How I Learned to Stop Worrying and Love the Bomb (Criterion)

It's a Wonderful Life

45th-Anniversary Edition

(Republic)

BRUCE EDER, Contributing Editor

The House on Haunted Hill/Attack of the 50-Foot Woman (CBS/Fox). This double bill covers the low-rent and sub-basement levels of 1950s horror. Each film is a delightful expression of societal fears clothed in cheap, jokey thrills unequaled before Joe Dante's recent *Matinee*. The disc presents both in the best condition we're likely to see, and the added resolution makes for more fun by revealing the corners cut in their production.

Blade Runner (Criterion). In its original release form, *Blade Runner* is a

ABE'S

CALL TOLL FREE IN NY & OUT OF STATE

1-800-528-2237

CAMERAS AND ELECTRONICS OF MAINE

1957-61 CONEY ISLAND AVE. BROOKLYN, NY 11223

C.O.D. Ask about our Overnight Delivery
INTERNATIONALLY RENOWNED!

For inquiries on orders already placed & Shipping Department
10:30AM - 5:00PM Call:
1-718-645-1818
OR
1-800-992-2379
From Overseas ONLY!
CALL
1-718-645-1818

OPEN SUNDAY!
10:00 AM - 7:00 PM

OPEN: Mon-Thurs 9:15AM-8:30PM
Friday 9:15AM-6:00PM
Sunday 10AM-7PM


CLOSED SATURDAY!

FAX NUMBER
1-718-382-8596

NO SURCHARGE ON CREDIT CARDS!

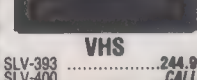
SATISFACTION, LOW PRICES AND EXCELLENT SERVICE GUARANTEED!

SONY CAMCORDERS



CCD-TR300	CALL!
CCD-TR200	839.99
CCD-TR101	1019.99
CCD-TR81	789.99
CCD-TR61	CALL!
CCD-TR31	529.99
CCD-TR9	599.99
CCD-FX710	759.99
CCD-FX520	CALL!
CCD-FX510	619.99
CCD-FX410	559.99
CCD-FX310	519.99
CCD-V801	829.99
CCD-V701	789.99
CCD-F501	509.99
CCD-F401	519.99
CCD-F301	449.99
CCD-F201	404.99
CCD-V5000	1799.99
CCD-VX3	CALL!

SONY VCR's



VHS

SLV-393	244.99
SLV-400	CALL!
SLV-595HF	364.99
SLV-696HF	379.99
SLV-R5	744.99

8MM

EV-C40	394.99
EV-A50	339.99
EV-S550	469.99
EV-S3000	1234.99
EV-S2000	CALL!
EV-500	789.99
EV-350	599.99
GV-M20	584.99


BETA

SL-S600	259.99
SL-HF360	349.99
SL-HF870	899.99
SL-HF2100	1259.99

SONY LASER DISC

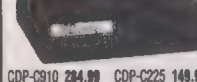
MDP-333	349.99
MDP-605	599.99
MDP-455	349.99
MDP-5000	739.99

SONY RECEIVERS



STR-D2090	699.99
STR-D1090	599.99
STR-D990	289.99
STR-D790	239.99
STR-D590	169.99

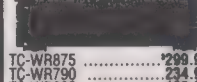
SONY CD's



CDP-C910	234.99
CDP-C725	264.99
CDP-C625	234.99
CDP-C525	199.99
CDP-C425	189.99
CDP-C325	164.99
CDP-C225	149.99
CDP-991	189.99
CDP-591	149.99
CDP-491	139.99
CDP-391	CALL!
CDP-291	CALL!

SONY RME-300 479.99
SONY RME-700 629.99

SONY CASSETTE DECKS




TC-WR875	299.99
TC-WR790	234.99
TC-WR690	189.99
TC-WR590	149.99

SONY MINI COMPONENT SYSTEM

MHC-1200	369.99
MHC-1750	429.99
MHC-2750	569.99
MHC-3750	709.99

Panasonic CAMCORDERS



PV-700	479.99
PV-704	484.99
PV-710	569.99
PV-720	629.99
PV-750	784.99
PV-760	849.99
PV-800	CALL!
PV-S770	974.99
PV-645	849.99
PV-14	539.99

Panasonic Professional VCR's

PV-19	489.99
PV-21	529.99
PV-22	589.99
PV-41	699.99
PV-42	839.99
PV-42	759.99
PV-32	739.99
PV-32	894.99
PV-32	859.99
PV-362	799.99
PV-S372	1044.99

Panasonic Professional VCR's

PV-2201	1199.99
PV-2210	179.99
PV-4201	194.99
PV-4210	199.99
PV-4214	219.99
PV-4120	259.99
PV-4164	329.99
PV-4250	284.99

Panasonic Professional VCR's

AG-1270	244.99
NEW! AG-1870	CALL!
AG-1740	349.99
AG-5701	1159.99
AG-W1	1489.99

PIONEER LASER DISC

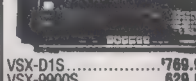


CLD-D701	699.99
CLD-D501	519.99
CLD-M401	439.99
CLD-M301	369.99
CLD-S201	299.99
CLD-3090	679.99
CLD-2090	509.99
CLD-M90	469.99
KARAOKE CLD-V510	429.99
KARAOKE CLD-V710	529.99
KARAOKE CLD-V720	519.99
KARAOKE CLD-V820	599.99

PIONEER CD's


PD-S501	159.99
PD-101	184.99
PD-201	119.99
PD-M501	149.99
PD-M601	169.99

PIONEER RECEIVERS




VSX-D1S	769.99
VSX-9900S	829.99
VSX-D901S	649.99
VSX-D701S	439.99
VSX-D601	389.99
VSX-511S	319.99
VSX-501	279.99
VSX-451	239.99
VSX-401	219.99
VSX-311R	149.99
SX-201	119.99

PIONEER CASSETTE DECKS




CT-W901R	299.99
CT-W801R	224.99
CT-W701R	214.99
CT-W601R	189.99
CT-W501R	149.99
CT-W450R	139.99

MITSUBISHI VCR's



HS-U36	214.99
HS-U54	319.99
HS-U55	319.99
HS-U56	324.99
HS-U56P	384.99
HS-U57	399.99
HS-U65	589.99
HS-U67	594.99
HS-U82	1099.99

RICOH 8MM CAMCORDERS



R-87H Hi8 R-18H Hi8 w/ STABILIZATION BOTH IN STOCK!

RCR CAMCORDERS



LATEST MODELS ALSO AVAILABLE NOW - CALL

PRO-883	CALL!
PRO-880	769.99
PRO-870	619.99
PRO-867	CALL!
PRO-860	CALL!
PRO-807	CALL!

RCR VCR's



VR-667HF	CALL!
VR-657HF	289.99
VR-536	239.99
VR-526	CALL!

RCR LASER DISC



LDR-500 CALL! LDR-310 CALL!

HITACHI CAMCORDERS



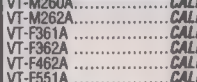
VM-H38A
Image Stabilization, 470,000 Pixels, 2 Lux, 16:1 Zoom
CALL!

HITACHI VCR's




VM-H39A	CALL!
VM-H18A	CALL!
VM-SP1A	CALL!
VM-E25A	CALL!
VM-E23A	CALL!

NIKON • FUJI YASHICA CAMCORDERS ALL AVAILABLE!

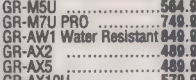


JVC VCR's



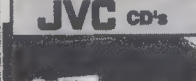
HR-DX22	179.99
HR-DX42	204.99
HR-DX62	279.99
HR-DX66	359.99
HRVP-46	249.99
HR-VP66	324.99
HR-D820	259.99
HR-D880	369.99
HR-D890	364.99
HR-S4700	119.99
HR-S6800	559.99

JVC CAMCORDERS




GR-AX50U	649.99
GR-M3U	499.99
GR-M5U	544.99
GR-M7U PRO	749.99
GR-AW1 Water Resistant	849.99
GR-AX5	499.99
GR-AX10U	579.99
GR-SX90	794.99
GR-S21	1169.99

JVC RECEIVERS




RX-1050 VTN	639.99
RX-905 VTN	579.99
RX-807 VTN	339.99
RX-707 VTN	269.99
RX-507 VTN	209.99
RX-307 TN	149.99
RX-207 TN	129.99

JVC CD's



XL-Z1050 TN	439.99
XL-Z451 TN	124.99
XL-Z251 TN	114.99
XL-Z151 TN	104.99
XL-M507 TN	209.99
XL-M407 TN	189.99
XL-M307 TN	169.99
XL-F207TN	164.99
XL-F106 BK	CALL!

JVC CASSETTE DECKS



TD-W805 TN	209.99
TD-W707 TN	169.99
TD-W307 TN	144.99
TD-V1050 TN	369.99
TD-V541 TN	189.99
TD-R441 TN	134.99

JVC MINI SYSTEMS

MX-77M	569.99
MX-55M	469.99
MX-33M	349.99

JVC VIDEO PERIPHERALS

JX-T66 Character Generator	164.99
JX-T88 Char. Generator	259.99
JX-SV55 Video Editing Processor	359.99
JX-S300 AV Selector	189.99
JX-S800 Remote Control AV/S-VHS Switcher	464.99

WE CARRY FULL LINE OF:
YAMAHA Technics DENON Sherwood KENWOOD



SPEAKERS
BOSE, ADVENT JBL VENTURI PIONEER



SHARP CAMCORDERS



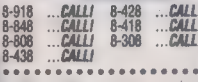
Canon CAMCORDERS



MINOLTA CAMCORDERS




MINOLTA CAMCORDERS



LENMAR NOMEN BATTERIES IN STOCK!

SUNPAK LIGHTS



NEW! C2200 AUTO 54.99
NEW! C2200 44.99
CV-300 AUTO 79.99
CV-300 49.99
CV-320 39.99
CV-205 AUTO 24.99
Ready Light 20 CALL!

60 Video
GV-3050X 4 Head Hi-Fi CALL!
GV-2020X 2 Head CALL!

SPECIAL CLOSEOUT DEAL!
SAKAR 3X Super Tele Converter
High Resolution, Sharp Optics, Fits Most Camcorders
Reg. \$199.99 \$99.99

WE CARRY BATTERIES & CARDS FOR ALL MAJOR CAMCORDERS MADE - CALL US!

SATISFACTION GUARANTEED WITHIN 14 DAYS OR MONEY BACK!
ALL CAMCORDERS COMPLETE & READY TO USE

TELEPHOTO & WIDE ANGLE LENSES SET FOR ANY CAMCORDER
REG. PRICE \$119.99 NOW \$59.99
WITH A PURCHASE OF A CAMCORDER

CITIZEN'S COLOR MONITOR M-329 \$119.99

NEW! MARK II CITIZEN AC Adaptor 19.99
CITIZEN Car Adaptor 29.99
CITIZEN TV Tuner 59.99
CITIZEN M329 Monitor PAL 119.99

AZDEN & NADY MICROPHONES
PRICES TO LOW TO ADVERTISE!
FULL LINE! CALL!

SPECIAL CLOSEOUT DEAL!
VCR PLUS.....\$34.99

VIDEO REWINDER



VHS \$14.99
8MM \$24.99
BETA \$19.99

VIDEONICS TITLE MAKER \$349.99



Direct Ed Plus 359.99
Thumbs Up (Video Editor) 169.99
Edit Maker 459.99
Video Equalizer 219.99
Processor Plus 169.99
Sound Effects Mixer 114.99

FOR DIRECT ED PLUS:
Pro Ed Upgrade 554.99
Production Assistant 64.99
Graphics Libraries 37.99
Expansion Modules 224.99
Super Production Assistant 64.99

simq.

ED/it 2	68.99
ED/it 3	129.99
FX ED/it 4	CALL!
Screenwriter	127.99
Copy Kit 2	33.99
Copy Kit 3	69.99
Stereo Sound Mixer	39.99
Video Prop	23.99
Booster Box	18.99
Edit Mike Pro	24.99
Universal Mini Cam Light	26.99

Circle 43 on Reader Service Card.

TRISTATE

ESTABLISHED 1977

160 Broadway, New York, N.Y. 10038

NEED HELP DECIDING? CALL (212) 349-2555 FOR EXPERT ASSISTANCE WITHOUT OBLIGATION

- Video
- Electronics
- Darkroom
- Computer
- Camera



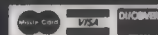
WE SHIP WORLDWIDE

OPEN MON. THRU THURS. 9-6, FRI. 9-2:30, SUNDAY 10-4
FREE SUNDAY PARKING

CAMERAS & ELECTRONIC
800-221-1926

VIDEO
800-537-4441

SATISFACTION GUARANTEED • PROMPT DELIVERY
FOR INFORMATION CALL 212-349-2555 • FAX 212-962-4635



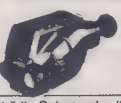
PANASONIC PV-42



- 20:1 Zoom • VHS-C
- 1 Lux
- Color Digital
- Fades
- Wireless Remote

Pan. PVS-62 SVHS-C... 1044.95
Panasonic PV-800... 599.95
Panasonic PV-810... CALL
Panasonic PV-780... 869.95
Panasonic PVS-770... 1099.95
Panasonic PV-332... 689.95
Panasonic PV-362... 874.95
Panasonic PV-S372... CALL

RCA PRO 865



- 1.8 lb. Palmcorder (8mm)
- Quick IF Autofocus
- Wireless Remote
- 8:1 Power Zoom
- 1/10,000 Speed Shutter
- Built-in Tilt (2 pages)
- 3 Lux • Infrared AF/Macro

RCA PRO 867/870... CALL
RCA CC187... CALL
RCA Pro 883 (Hi8 & EIS)... CALL

VIDEONICS

Video EditMaker
S-VHS/Hi8 Editor
\$469.95
The new model is the most operation efficient based on the popular Direct Hi8 PLUS includes all the great features as before including automatic editing, built-in character generator and internal graphics, special effects (fade and wipe) PLUS S-VHS/Hi8 compatibility, increased memory (to take advantage of all available software), and title scrolling. Bonus features include hard wire (5 pin or LAN) or IR control of playback unit for much faster operation. This is the same American model unit that Videonics supplies in Panasonic in Japan Super Production Assistant... 88.95
Thumbs Up!... 189.95
Sound Effects Mixer "Boing Box"... 124.95
Videonics Titlemaker... LOWEST PRICE
Equalizer (Digital Video Processor)... 224.95

The Ultimate in Camcorder Systems...

STEADYCAM
Authorized Dealer
\$388.95
Steadycam Case... \$59.95

FUTURE VIDEO

EC 1000 Pro Editor... 489.00
EC 1000 Pro Plus... 569.00
EC 1000 MKII... CALL
EC 1000 Pro TC... 1029.00
EDL 1000 Software Program... 259.00
EC 1000 TC Edit Control... 1599.00
TCG 20 Time Code Gen... 249.00
Horita TG 50... 299.95

TOASTER WORKSTATION BLOWOUT!

Take Advantage of Our Once-in-a-Lifetime Specials to Gear Up to Professional Level Video Production:

BASIC WORKSTATION	BETTER WORKSTATION
A2000 CPU • Controller	A2000 C CPU • Controller
68030 at 7.14 MHz	170 Meg Drive
100 Meg Drive	68030 at 25 MHz
Toaster 2.0	9 Meg RAM
7 Meg RAM	Toaster 2.0
FREE MONITOR	FREE MONITOR

ENHANCED WORKSTATION
A-2000 C
68030 at 40 MHz
170 Meg Drive
Controller • 13 Meg RAM
Toaster 2.0 • FREE MONITOR

BEST WORKSTATION
A-2000 C
68030 at 50 MHz
240 Meg Drive
Controller • 17 Meg RAM
Toaster 2.0 • FREE MONITOR
Add \$400 for 68040 at 33 MHz

Take Advantage of These Once in a Lifetime Prices!!

A-2000... 599.95
A-2000-HD-100... 899.95
A-3000-25/100... 1499.95
A-2386 Bridgeboard... 399.95
A-2320 Flicker Fixer... 134.95
A-2630... 389.95

- GVP Series II 68030 - 25 MHz/1Meg... \$599.95
- GVP Series II 68030 - 40 MHz/4Meg... \$899.95
- GVP Series II 68030 - 50 MHz/4Meg... \$1399.95
- GVP Impactivision A3000... \$1749.95
- DKB Megachip 2000/500 w/ Agnus... \$269.95
- DKB Multistart II... \$39.95 • DKB Secure Key... \$99.95
- The Personal SFC Single Frame... \$359.95
- Progressive Per Minigun... \$189.95
- Digital Creations DCTV... \$379.95
- Super Gen 2000S Genlock... \$1349.95
- Instructional Videos, books, etc... CALL

CANON-L1



IN STOCK
TAKE THE TRISTATE CHALLENGE:
WE WILL BEAT ANY DEALER'S PRICE & WE ACCEPT CASH CREDIT CARDS!

Canon UC-1... CALL
Canon UC-1 Color/UC-20... NEW
Canon E-210/E-65... CALL
Canon E-250 12:1 Zoom... CALL
Canon UCS-3... IN STOCK
Canon A-1 Digital... CALL

Nikon

We take the world's greatest pictures...
Nikon VN-720
Hi-8 Stereo Camcorder
NEW with new dockable cradle for easy playback or any TV w/ free 5 yr. warranty

ROGON

Hi8 Authorized Dealer
8x1 Zoom • Rich Optics
Super Quick Zoom • Hi-Fi Stereo • 3 Mode Program AE • 10 Bit Digital Camera • New Converter System • Hi8 Authorized Dealer
"True Value at Lowest Price" CALL TODAY

NADY

151 VR/LT Wireless Mic... 114.95
151 VR/HT Wireless Mic... 134.95
151 HT/LT Combo... 239.95
AVM300X Stereo A/V Mixer... 59.95
VR351-HT Compact Wireless Mike... 198.95
VR351-LT Compact Wireless Mike... 189.95
MCM-400 Portable Audio Mixer... 44.95
NHM-200 Monitoring Headset... 17.95
WH-90 Wireless Ster. Headphones... \$69.95

Sima

HOME VIDEO PRODUCTION
Sima Pro Ed/It 3
Color Processor, Mini-Editor, Enhancer and Sound Mixer
\$139.95
• Full feature color processor
• Automatic mini-editor with push button video and audio fades
• Stereo sound mixer to add music and narration
• Hi-fidelity microphone, AC adapter and cables included

Sima FX ED/IT 4

NEW
Sima ED/IT 4... 69.95
Screen Writer Titrer... 139.95
SPM-1 Quickcharger... 24.95
SPM-2 Discharger... 24.95
SPM-3 AC/DC Discharger... 44.95
SPM-4 Charger/Discharger... 69.95
SPM-5 15 Min. Charger for Sony... 59.95
Copy Kit... 25.95
Copy Kit 2... 34.95
CAM POD 32.95
Easy Titrer... 29.95

1.5 Telephoto Lens w/ purchase \$19.95

COMPACT 4 & 7 HOUR BATTERIES

For Sony, Canon, Hitachi, Panasonic Camcorders
From **\$59.95**

AVH-1

Depth rating to 250 feet
Main power on/off
Start/Stop recording
Replaceable dome port
\$998

SONY TR-200



ONLY \$869.95
Sony's "Handycam Station" converts a camcorder to a video deck/battery charger combo featuring a lithium ion battery

Sony CCD-VX3... NEW
Sony TR-101... CALL
Sony TR-81... 817.95
Sony TR-31... 649.95
Sony CCDFX-710... 864.95
Sony CCDFX-510... 699.95
Sony CCDFX-410... 599.95
Sony CCDFX-310... CALL

FUJII 8MM

Authorized Dealer
NEW 122SW Colorview
12X Zoom • 1.5 LUX
CALL
8mm Mini... CALL
1128 SW... NEW
P-401 LGB... CALL
P-701 Pro... CALL

SHARP VL-L380U

• 3.7 lb. full-size VHS
• 12X Power Zoom
• Full Range Auto Focus
• Less Than 1 Lux
• 1/10,000 High Speed
• Flying Erase Head
• A/V Dubbing
\$589.95

PAL EXPERTS

Now Featuring Sony:
• TR805E • CCDFX500E
• TR705E • CCDFX400E
• TR505E • CCDFX300E
• TR305E • CCDV6000E
• TR303E • CCDV600E

SONY LCMTRX KIT

Includes Watterproof case, Lens, Battery, More... **\$54.95**

CITIZEN

Citizen M329 LCD COLOR MONITOR
Now you can monitor \$134.95 your videos in full color as you tape! Light-weight portable 3 color monitor mounts on any camcorder. Use while recording or for playback. Complete with battery pack, connection cords, hood and new monitor stand bracket.
Citizen AC Adapter... CALL
Citizen DC Adapter... CALL
Citizen TV Tuner... CALL

AZDEN

Azden WMS-PRO WIRELESS MIC
SALE
Azden WHX-Pro... 159.95
Azden WM/TPRO... 109.95
Azden CAM-3 Mixer... 44.95
Azden ECS-440... 39.95
Azden ECZ-680... 44.95
Azden ECZ-770... 51.95
Azden HS-TV... 17.95
Azden Transfer II... 24.95
New AC/DC 8mm Rewinder... CALL
VE-100 Video Editor... CALL

VIDIAP INTERNATIONAL

VIDEO CONVERSION KIT... **\$34.95**

8mm CAMCORDER STARTER KIT

• 2nd Battery • 3 Piece filter kit • 11 tapes • Head cleaner • Rewinder • Fluid head tripod • Case • 5 year parts & labor wty. **\$299.95**

Accu Gear

Mechanical Housing
Depth rating to 150 feet
FOR ALL SONY VIDEO CAMERAS
\$488

JVC GR-S21



- SVHS • HiFi
- 22x Digital Zoom
- 410,000 Pixels
- Multifunction Lens
- Image Stabilization
- Color Viewfinder

\$1324.95

JVC GRAX-33... CALL
JVC GRAX-10... 614.95
JVC GRM-3... 574.95
JVC GRM-5... 644.95
JVC GR-M7 Pro... 769.95

YASHICA

BONUS PACKAGE
KX V1U
• 6x1 Zoom
• Yashica Optics • Lithium Batt.
• Super Quick Zoom • Hi-Fi Stereo • 3 Mode Program AE • 10 Digital Camera • New Converter System
Hi8 Yashica AG1970X
INCLUDES FREE • 2ND BATT.
• 1 YR. WTY. • MAINTENANCE KIT
• 5 HI-8MM TAPES • CASE
WE WILL NOT BE UNDERSOLD
CALL TODAY

MINOLTA

MASTER PRO 8-918
• Hi-Band 8MM
• Professional Performance
• Ultra Compact Design
• 2 CCD System
• HiFi Stereo Sound
• 8:1 Power Zoom
• RGB Max Auto Exposure System
• Center Weighted
MASTER 8-848

SONY

Sony Edit Studio
XVT-33 Video Sketch Titrer
\$299.95
Sony RME-80... CALL
Sony RME-100A... CALL
Sony RME-300... CALL
Sony RME-700... CALL
Sony XVC-700... CALL
Sony XVC-900... CALL

NEW LOW PRICE

SONY

VC20 2X Telephoto... 49.95
VC-05 Wide Angle... 39.95
VSC-29 Pro 1.8X Pro Telephoto... 54.95
VCZ-60 2X to 6X Zoom Lens... 39.95
VTC-205 2X Telephoto for TR Series... 39.95
VC-6515S Telephoto for TR Series... 84.95
VSC-0714 Tele/Wide Kit... 64.95
VC-050 Hires. 0.5 Wide for Hi8... 84.95
VC-200 2X Tele for Hi8... 84.95

Tokina

Fastest in innovative lens technology
LENS 36 SALE
VC20 2X Telephoto... 49.95
VC-05 Wide Angle... 39.95
VSC-29 Pro 1.8X Pro Telephoto... 54.95
VCZ-60 2X to 6X Zoom Lens... 39.95
VTC-205 2X Telephoto for TR Series... 39.95
VC-6515S Telephoto for TR Series... 84.95
VSC-0714 Tele/Wide Kit... 64.95
VC-050 Hires. 0.5 Wide for Hi8... 84.95
VC-200 2X Tele for Hi8... 84.95

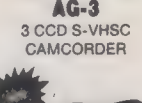
SONY

VC20 2X Telephoto... 49.95
VC-05 Wide Angle... 39.95
VSC-29 Pro 1.8X Pro Telephoto... 54.95
VCZ-60 2X to 6X Zoom Lens... 39.95
VTC-205 2X Telephoto for TR Series... 39.95
VC-6515S Telephoto for TR Series... 84.95
VSC-0714 Tele/Wide Kit... 64.95
VC-050 Hires. 0.5 Wide for Hi8... 84.95
VC-200 2X Tele for Hi8... 84.95

SONY

VC20 2X Telephoto... 49.95
VC-05 Wide Angle... 39.95
VSC-29 Pro 1.8X Pro Telephoto... 54.95
VCZ-60 2X to 6X Zoom Lens... 39.95
VTC-205 2X Telephoto for TR Series... 39.95
VC-6515S Telephoto for TR Series... 84.95
VSC-0714 Tele/Wide Kit... 64.95
VC-050 Hires. 0.5 Wide for Hi8... 84.95
VC-200 2X Tele for Hi8... 84.95

PANASONIC AG-3



3 CCD S-VHS CAMCORDER
PRO EDIT SYSTEM INCLUDES:
• AG455 • AG1970 • AG A96
• Hard Carry Case • Pro Tripod
\$2095.95

2 Panasonic AG1970's

1 Panasonic AG-A96
\$2649.95

2 Panasonic AG1970's

1 Panasonic WJ-MX12
\$3899.95

Panasonic AG455... CALL
Panasonic AG-513... CALL
Panasonic AG5200X... CALL
Panasonic AG460... 2398.95
Panasonic CT1383Y... 269.95
Panasonic AG1970... NEW
Panasonic AG1270... CALL
Panasonic AG1740... 369.95
Panasonic AG-7750... STOCK
GP-KS102... CALL
WV05100HS... CALL
AGEP60 Video Cir Printer... 979.95
AGW1... 1639.95
WJAV65... CALL
WJMX50... 3849.95
WJMX12... 1599.95

ARKON

Turbo Camcharger™
Advanced Camcorder Batt. Charger and Reconditioner... 49.95

SUNPAK

ALL LIGHTS INCLUDE BATTERY & CHARGER
Sunpak CV-300 Auto... 89.95
Sunpak CZ-200... 59.95
Sunpak CZ-200 zoom auto... NEW
Sunpak Ready Light 20... 36.95
Remote Auto Pan Head... 174.95

VCR'S

SONY
SLV-595... 379.95
SLV-696... 409.95
SLV-2000... NEW
EVA-50... 349.95
EVC-40... 324.95
EVS-3000... 1259.95
GM-20... 599.95
GVS-50... 759.95

JVC

HRS4700... 449.95
HRS6800... 567.95

PANASONIC

PV2201... 189.95
PV4260... 308.95
PV54280... 598.95
PV54266... 439.95

RCA

VR536... CALL
VR800/667... CALL
VR4217... BEST
VR4219... BUY

MITSUBISHI

HSU-56... 339.95
HSU-57... 424.95
HSU-56P... 389.95
HSU-65 (D)... 549.95

TAKARA FOTOVIX

Film Video Processors
• Manual 3x Power Zoom Lens • Auto white balance • Cropping & magnification of any part of the picture
• Negative/Positive
• Exclusively for 35mm slide or negative transfer
• Color prints & live scenes can be reproduced on the TV screen
• Still pictures can be recorded by connecting the FOTOVIX to a VCR
• Auto 8:1 Motor Zoom lens • Negative or Positive switch • Cropping of a chosen area can be done by zooming up to 6 times • All size film formats viewed & recorded • Auto Gain-up switch • Negative/positive • Capture existing slides & negatives on any computer system
Call for Prices

sad, bleak, yet poignantly life-affirming work. Notwithstanding the movie's cyberpunk accoutrements—which always seemed rather tame—the disc's mid-'80s film-to-tape transfer is still one of the most beautiful ever done, and the crisp, vibrant sound is as dazzling as the picture. This disc constantly rewards the viewer with new and surprising detail.

Mahler Symphony No. 3 (PolyGram). Leonard Bernstein's performance of Mahler's *Symphony No. 3*—itself one of the most deeply sensual and spiritual symphonic works ever written—may be the finest music performance on video. Bernstein's bold, expansive interpretation brings out the piece's beauty and sinew all at once—the digital sound remastering is equal to the best ADD compact discs. And the disc's image quality is almost its match.

RUNNERS-UP:

The Outer Limits, Vol. 1 (MGM/UA)

An American in Paris (MGM/UA CAV edition)

The Horse's Mouth (Criterion)

Aliens (FoxVideo CAV edition)

Laura (FoxVideo)

RON GOLDBERG,
Contributing Editor

Fantasia (Walt Disney CAV edition). As a lifelong fan of this film, I've followed its various re-releases, including the abortive effort to replace Stokowski's soundtrack with a new (and grossly inferior) digitally recorded score. Thankfully, Disney took the trouble to go back and do things right on this disc, which looks beautiful and is just made

for CAV play. The surround effects are a bit overdone, but overall, this is one disc I never get tired of.

Napoleon (MCA/Universal). For my money, director Abel Gance's film is the most important achievement of the silent era. There's no adequate way to describe its innovations and brilliance in a few sentences. You've got to see *Napoleon* to believe it, and then you'll have to somehow believe it was made in 1927. The laserdisc lets you marvel at your leisure, as several particularly mind-boggling scenes are presented in CAV for close study. A first-rate job all the way.

Blue Velvet (Warner). This film keeps getting richer with each viewing. Depending on your mood, it's either an incredibly dark indictment of small-town hypocrisy, a hilarious sendup of Nancy Drew and the Hardy Boys, a psychosexual horror film or a heroic Freudian journey worthy of Robert Bly. Whatever the Rorschach, you can't take your eyes off it, even though you feel like taking a shower afterwards. The letterboxed disc looks fine, and the creepy sound design is lovingly preserved.

Drop Us A Line

Which laserdiscs would you bring to a desert island? We'd like to hear about your all-time favorites. Send your list—including a brief explanation of your picks—to: Video Magazine/Desert Island Discs, 460 West 34 Street, New York, NY 10001. We'll publish a selection of responses in a future issue.

RUNNERS-UP:

Apocalypse Now (Paramount)

Citizen Kane (Criterion CAV edition)

In the Realm of the Senses

(Image Entertainment)

GoodFellas (Warner)

The Shining (Warner)

GLENN KENNY, Contributor

The Golden Age of Looney Tunes, Vol. 2 (MGM/UA). All three (so far) of these five-disc sets are great, but this volume contains several favorite Daffy Duck cartoons (the Peter Lorre-spoofing *Birth of a Notion*, *The Wise Quacking Duck* and more). Almost 10 hours worth of side-splitting stuff that never goes stale.

Breathless (Criterion). One of the most exhilaratingly loose-limbed films ever made. I had never seen a good print until this disc version, which captures the black-and-white still-photo look director Jean-Luc Godard pursued to the point of actually using treated still-stock to shoot the film with.

Raging Bull (Criterion). "You never knocked me down Ray..." A triumph of the human spirit—sort of. Bravura moviemaking and great supplements, including commentary by director Martin Scorsese. And the CAV disc captures all the knockout visuals perfectly.

RUNNERS-UP:

Tabu (Lumivision)

The Band Wagon

(MGM/UA CAV edition)

Duck Soup (MCA/Universal)

North by Northwest (MGM/UA)

Stagecoach (Warner)

PAL & MULTI SYSTEM HEADQUARTERS OF AMERICA

WHOLESALE PRICES

SPECIAL C.O.D. DISCOUNT

WHOLESALE PRICES

VCRs

AIWA PANASONIC
AKAI JVC SHARP
HITACHI SONY
INSTANT REPLAY TOSHIBA



CAMCORDERS

CANON
JVC
NATIONAL
PANASONIC

RICOH
SANYO
SHARP
SONY



TELEVISIONS

FUNAI SHARP
GRUNDIG SONY
HITACHI TOSHIBA
JVC



AUDIO

AIWA PORTABLE STEREO
JVC SONY PIONEER

SPECIALS

VCR SPECIAL \$249
CAMCORDER SPECIAL \$649
20" COLOR T.V. \$399
TV/VCR COMBO \$549
UNIVERSAL VCR \$1399

SPECIAL C.O.D. DISCOUNT

WHOLESALE PRICES

SPECIAL C.O.D. DISCOUNT

ALL OUR VCRs, CAMCORDERS, CABLE CONVERTERS, BATTERIES, CABLES & REMOTE CONTROLS ARE GUARANTEED TO BE THE BEST IN THE BUSINESS. CHECK THE COMPETITION & YOU'LL BE CONVINCED. WE'LL BEAT ANY PRICE.

ElectroWorks, INC. 800 662-8559 800 662-8556

1 (800) 344-2855 908-566-7100 FOR ALL INFO

100 HWY 34 • MATAMoras, TX 7787
EVENING MON-FRI 9-5
24 HOUR FAX 908-566-3234



Export Inquires Welcome! Se Habla Español Your Industrial/Professional Experts!

We Will Beat any Authorized Stocking Dealers Price On Any Product We Carry

Panasonic S/VHS CAMCORDER



AG-455

S-VHS Camcorder/Source VCR for Editing, 2 Speed Zoom lens, 24x & 100x Digital Zoom, Digital Special Effects, Wipe, Fade, Mix, Strobe, etc. Special Effects

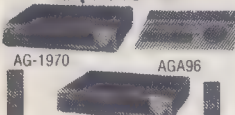
Panasonic CAMCORDER



AG-195

VHS Camcorder with Digital Special Effects, 8x Zoom lens with 2 speeds, Digital 12x or 100x zooms, Digital Special Effects like wipe, fade, strobe and mix.

Panasonic EDIT SYSTEM



S-VHS/VHS editing, insert and assemble edit, Hi-Fi Stereo sound, Jog shuttle search, and Multiple programmable edits

Panasonic AG-EP60



COLOR VIDEO PRINTER
Capable of making prints from VCR's, Camcorders, Cameras, TVs and Computers. Split print features can produce passport photos.

Panasonic DS-2550(WV-F250HB/ AG-7450/WV-S290)



3 lll CCD camera package, 700 lines res. for excellent picture quality, SVHS docking recorder with amorphous heads for improved picture quality & long life, complete w/ Fujinon 12x lens, shotgun mic & carrying case.

Panasonic WJ-MX50



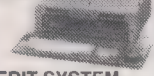
Digital special effects switcher with 4 Y/C and/or composite inputs, 287 digital effects, 4 channel audio mixer w/ balanced XLR/line level audio inputs, audio-follow-video, chroma & luminance keyer, 2 channel color corrector, multi color matte generator, more.

VIDEO/DATA PROJECTORS



Several different brands of video and data projectors available. Please tell us your application and we will recommend one suitable for your needs.

SONY EVO-9700



HI-8 EDIT SYSTEM
Single unit with built-in play and record VCR's, Assemble & Insert editing, S-Video In and Out connectors. Jog shuttle, dial search at 19x the normal speed. Call for detail brochure - Monitor Optional.

SONY



VIDEO MONITOR
We carry different size 8" to 32" video monitors with 400-900 lines of resolution. Some of the models we stock: PVM-8041, PVM-5340, PVM-1390, PVM-2220, PVM-1341, PVM-1342, PVM-2040, PVM-1942, PVM-2030

SONY EVW-300



3 CCD/Hi-8 CAMCORDER
One piece camcorder, very portable, High Density 1/2" IT CCD's AFM HiFi recording, 1.5" Viewfinder, Hi8 Time Code, Auto trace white balance. Please call for a detail brochure.

SONY U-MATIC VTR's



U-Matic & U-Matic SP video players and recorders in stock for immediate delivery. Some of the model numbers we stock VP-7020, VO-7600, VP-9000, VO-7600, VO-9600 and VP-7040.

SONY



MICROPHONES
ECM-44, ECM-55, ECM-77, ECM-672 and other mics available for immediate delivery.

SAMSON



WIRELESS MICS
MR1 Compact receiver with dbx noise reduction. Removable flexible antenna, uses 9V battery. There are several different Lavaliere and Hand held microphone options available suited for different types of application. Microphones used are Shure or Sony. Please call for recommendations.

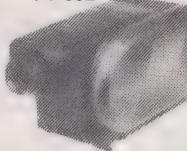
BATTERY BELTS

Battery belts available in 12Volts or 24Volts with 6, 12, 20 or 30 AH power. Both cigarette lighter or 4 pin XLR output available. Please specify when ordering

antabauer

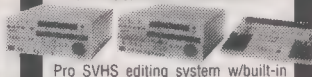
BATTERIES
Industry standard BRICK batteries in different series (Pro-pack, Logic or Digital Pro-pack) available

LCD PROJECTORS PT-30L



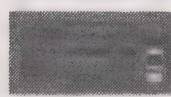
We carry Panasonic and other name brand LCD video projectors. Please inquire for current model numbers and pricing.

Panasonic AG-7650/AG-7750/AG-A770



Pro SVHS editing system w/built-in digital TBC & noise reduction for excellent multi-generation dubbing quality, 4 CH of audio/on, screen menu for set-up and data, RS-422 controller has 128 event memory, auto-tag and split editing for fast and accurate editing (+/-0 frames accuracy w/TC)

FutureVideo



EDIT CONTROLLER
Featuring the EC-1000 "Pro Mk II" w/ a built in RS-232 port for computer control. Hrs., min., sec., frame display. Reads RC time code. 8 scene memory. Compatible w/ control L&S VTRS and Panasonic AG-1960/1970.

JVC



3 CHIP CAMERA/S-VHS DOCKING RECORDER
KY17 1/2" FIT chips, virtually no smear with new FIT chips. Self diagnostic feature displays the status in the viewfinder. Over 400 lines recording, Intercom connector, Stereo audio connector.

bogen



TRIPODS
3194 Tripod is suitable for most 3 Chip cameras and Camcorders, has fluid Clawball head for easy leveling. 3167 Dolly is very heavy duty built with 4" lockable wheels. Other models also available

Canon Hi-8 CAMCORDER L1



L1 is the professional Hi-8 Camcorder with interchangeable lenses, TTL through the lens, autofocus, Fade In/Out, Freeze frame, High speed shutter up to 1/10,000 of second. Character generator, Digital special effects

TAO PC-BASED A/B ROLL EDITING



SOFTWARE CONTROLLER
Built-in SMPTE time code generator/reader. Built-in switcher controller for the video toaster, GV-100 and Panasonic M-50. Multi event up to 16,000 events, preview, perform, review, auto assemble of EDL. Audio Video Insert, Tape logging and more features. Please ask for detail brochure (equipment required - PC with Windows 3.1).

VIDEONICS



TITLE MAKER
Over 400 lines resolution. Several different font styles, Outline and Drop shadow, Scrolling many different backgrounds. An excellent value for the money.

JVC



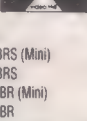
PROFESSIONAL EDITING SYSTEM
S-VHS insert and assemble editing. 4 channel audio, optional plug in time code and TBC's. Self diagnostic warning system. Automatic head cleaning. On screen menu display.

lowel



LOWEL LIGHTS
Complete kits available with 2/3/4 lights. FREE CASE INCLUDED.

TAPES



JVC VHS T-120	2.25
JVC S-VHS ST-120	6.89
Sony 3/4" KCS-20 BRS (Mini)	8.69
Sony 3/4" KCA-60 BRS	12.99
Sony 3/4" KCS-20XBR (Mini)	9.79
Sony 3/4" KCA-60XBR	14.99
Sony 3/4" SP KSP-20 (Mini)	10.69
Sony 3/4" SP KSP-60	16.39
Sony 8mm P6-120MP	4.69
Sony Hi-8 Metal P6-120HMP	7.99
Sony Hi-8 Metal Evap. P6-120HME	12.99
3M S-VHS ST-120 Broadcast w/case	10.89

PANASONIC JVC SONY PROFESSIONAL / INDUSTRIAL / CONSUMER AUTHORIZED DEALER SERVICE CENTER

232 West 38th Street, Houston, TX 77018
Order 1-800-622-6599 USA & Mexico
Order 1-800-833-1970 Canada

Open Monday - Friday 9:00 a.m. - 6:00 p.m. Central Time
Houston & Customer Service 713-694-6400
Fax 1-800-833-1960 or 713-699-6700

All merchandise shipped with manufacture supplied accessories. Extended warranties available on some products. We ship within one working day via UPS or Federal Express. Prices quoted over the phone are for mail order only. In store prices may be slightly higher. All prices quoted are F.O.B. Houston & all sales are final. Defective merchandise must be exchanged within 10 days of receipt of goods. Please call for exchange authorization. All prices subject to change without notice. Vidicom is an authorized GSA Supplier.

Panasonic

Broadcast & Television Systems Company

Attention Potential Buyers

If you fall into any of the following categories, you automatically qualify to receive our new 120 page catalog - FREE

**Call or Write
For Catalog**

- Prosumer
- Production House
- Audio Visual Dept.
- Corporate Training Dept.
- Medical Video Dept.
- Federal or State Government Buyers
- Presentation - Equipment Buyer for Conference Rooms

- Wedding Videographer
- School or University
- Media Consultant
- Freelancer
- Broadcast Station
- Cable TV Station
- School Coach

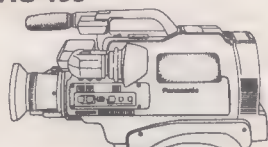
Export Inquiries Welcome!

Se Habla Español

We accept purchase orders from all Government Agencies, School Districts & Major Universities. Please call for open account prices.

LARGE SELECTION OF CAMCORDERS IN DIFFERENT FORMATS

AG-195



VHS Camcorder w/
Digital Special Effects

AG-455



S-VHS Camcorder w/
Digital Special Effects

AG-460



2 Chip Professional
Camcorder

WJMX12



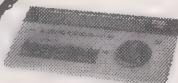
Digital Audio/
Video Mixer

ECONOMIC S-VHS EDITING SYSTEM



AG1970

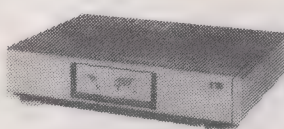
S-VHS Editing System Capable of Insert & Assemble
Editing/Multi-Event Controller w/ Jog Shuttle



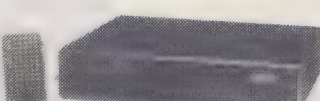
AGA96



AG1970



Multi Standard VCR
w/ Built-in Standrd
Converter



Color Video
Printer

AGW1

AGEP60



OTHER PRODUCTS:

3 Chip Camera with S-VHS Docking VTR
WVD 5100 - Single Chip Camera
CT 1382VY - Monitor/Receiver
PT30L & PT101 - Video Projectors
Special Effect Generators
Monitors

**Authorized
Panasonic Dealer!**

232 West 38th Street, Houston, TX 77018
Order 1-800-622-6599 USA & Mexico
Order 1-800-833-1970 Canada



Open Monday - Friday 9:00 a.m. - 6:00 p.m. Central Time
Houston & Customer Service 713-694-6400
Fax 1-800-833-1960 or 713-699-6700

All merchandise shipped with manufacture supplied accessories. Extended warranties available on some products. We ship within one working day via UPS or Federal Express on in-stock products. Prices quoted over the phone are for mail order only. In-store prices may be slightly higher. All prices quoted are F.O.B. Houston & all sales are final. Defective merchandise must be exchanged within 10 days of receipt of goods. Please call for exchange authorization. All prices subject to change without notice. Vidicom is an authorized GSA Supplier.



SUNSHINE VIDEO & COMPUTERS

FLORIDA'S LARGEST AUTHORIZED DEALER FOR CAMCORDERS

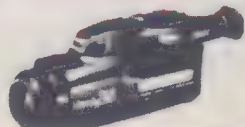
Sunshine Video & Computers have been serving South Florida for 15 years. We respect our customers. If you are serious about buying a camcorder we will give you the best legitimate deal. If you think you have a better deal TELL US.

SONY

FX 510

10X Zoom
Stereo HiFi
Digital Titler
High Shutter

FX410



AUTHORIZED DEALER

SONY

TR-101

10X Zoom
Hi 8
TBC/EIS
Wireless Remote

T200 / TR71



AUTHORIZED DEALER

SONY

FX 710

10X Zoom
10,000 Shutter
Hi 8 HiFi Stereo
Wireless Remote



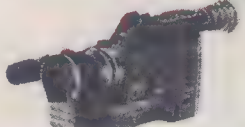
AUTHORIZED DEALER

CANON

UCS3

12X Zoom
Hi-Fi Stereo
LCD Program
Digital Signal
Processing

A1D / L1



AUTHORIZED DEALER

CANON

UC1 COLOR

8X Zoom
1/10,000 Shutter
2 Lux Digital Titler
Color LCD Viewfinder

UCS2 / UC20



AUTHORIZED DEALER

CANON

E250

12X Zoom
2 Lux/Titler
High Shutter
Digital Color

E65 / E230



AUTHORIZED DEALER

Before you tell us New York has **BETTER PRICES**, realize that New York will not sell you the camera they advertise. They have low prices, but have no intention to deliver the advertised camera. They will tell you they have the camera you want, then take your credit card number. In the middle of the sale, they will verbally switch you to an inferior camera for more money. If you don't switch, they still won't sell you the camera you originally wanted.

CALL SUNSHINE IF YOU WANT A LEGITIMATE DEAL -- NO GAMES!!!!

PANASONIC

PV42

20X Zoom
EIS System
1 Lux
Wireless Remote

PVIQ503 / PV22



AUTHORIZED DEALER

PANASONIC

PV-S62

20X Zoom
VHSC-S/EIS
Hi-Fi Stereo
w/Video Light

PVIQ403 / PVIQ303



AUTHORIZED DEALER

RICOH

R18-H

Ricoh Optics
10X Zoom
EIS
Wireless Remote

R87-H / R16



AUTHORIZED DEALER

MINOLTA

8-848

64X Zoom
2 Lux/Titler
Hi 8mm/EIS
Palm Size

8-918



AUTHORIZED DEALER

HITACHI

VMH-39A

64X Zoom
Digital EIS
Color Viewfinder
1/2,500 Shutter

VMH-38A



AUTHORIZED DEALER

FUJIX

F-122SW

12X Zoom
Pistol Grip
2 Lux/Titler
Color View Finder

F-120SW / H-128SW



AUTHORIZED DEALER

1-800-828-2992

For Information or customer service call (407) 394-3742

ALL MERCHANDISE HAS FULL U.S. WARRANTY IN FACTORY SEALED BOXES
ALL MERCHANDISE INCLUDES ALL MANUFACTURERS SUPPLIED ACCESSORIES
WE PLAY NO GAMES!!!! GOOD SERVICE IS OUR BEST ADVERTISEMENT!!!!

7 day return with prior authorization. All returns subject to a restocking fee. All prices good for month of issue. Not responsible for typographical errors.

22191 POWERLINE RD. SUITE 14A, BOCA RATON, FL 33433

Circle 47 on Reader Service Card.



jersey camera audio & video

FOR OVER 20 YEARS, NEW JERSEY'S MOST TRUSTED PHOTO & ELECTRONICS DEALER.



FAX YOUR ORDER:
201-742-0413

NJ ORDERS & INFO:
201-742-5840

TOLL FREE ORDER #
800-569-4100

TELEPHONE HOURS: MON.-THURS. 9AM-6PM • FRI. 9AM-4PM • SUN. 10AM-4PM

Panasonic AG-3 3-Chip CCD S-VHS Camcorder

- 1/3" CCD sensors yield 530 lines
- 1 LUX minimum illumination
- Active matrix Color LCD viewfinder
- Digital time base corrector
- Digital special effects
- 10x optical/20x digital zoom
- EIS Electronic Image Stabilizer



NEW! IN STOCK

AG 195 CALL

AG 455 CALL

EDIT SYSTEMS

AG 1970 • AG A96 • AG 1970

Panasonic PV-S62 S-VHS Camcorder

w/20x Zoom Lens

- EIS Electronic Image Stabilizer
- HiFi stereo sound recording
- Built-in video Light



#PV-562

PV-42 \$829.95

PVS-770 \$1099.95

PV-1Q403 \$699.95

PV-1Q503 \$749.95

PV - 332 \$729.95

RCA Hi Band 8mm Camcorder w/Image Stabilizer & 64x Digital Zoom



- HiFi stereo record

#883

PRO 867 CALL

PRO 870 CALL

PRO 507 CALL

MINOLTA 8-918

Hi-Band 8mm Professional Video Camcorder

- 2CD sensors for high resolution
- RGB auto exposure ensures precise white balance



NEW LOW PRICE!

#8-918

8-848 CALL

8-438 CALL

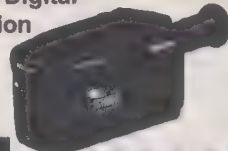
C-538 CALL

Nikon VN-750

Hi Band 8mm Camera

w/Optical Digital Stabilization

- 10x power zoom lens w/Nikon full range inner focus



NIKON
5 YR. USA
WARRANTY

VN-720 CALL

Fuji Hi-8 Camcorder

w/12x Fujix Zoom Lens

- LCD color electronic viewfinder
- 12x optical zoom lens
- Built-in pistol grippable pod
- High-band 8mm recording



F120SW CALL

F122SW CALL

Canon L-1

Hi-8 Camcorder w/Interchangeable Lenses

- 15x power zoom lens
- Digital special effects
- AMF HiFi stereo effects
- Dual action grips/sports VF
- High performance CCD Image Sensor



VL LENS
MOUNT SYSTEMS

CALL

E230, 10x zm, case, light CALL

E250, 10x zm, case, light CALL

UC1, ULTRA-Compact CALL

UC1, Color, Color Viewfinder CALL

UC20, 10x zoom CALL

UCS1, Hi-8, 10x zoom CALL

UCS2, Hi-8, 12x zoom CALL

A1 Digital, Hi-8, 10x zm CALL

Canon UCS-3

Hi-8 Camcorder

w/12x Optical Zoom Lens

- Extraordinary digital sound effects
- HiFi stereo sound recording
- Ultra lightweight (1.21 lbs.) design
- 6-mode programmed auto exposure
- Large LCD panel w/ multifunction dial



CALL

SHARP VIEW-CAM

Hi-8 Camcorder

w/4" Color Monitor

- Flexible 4" color viewfinder allows for great shooting without holding camera to your eyes
- 8x power zoom lens



VLL-72 \$699.95

VLL-MX7U \$699.95

VIDEO LENSES

SIGMA

VF-1 0.45X Fisheye \$67.95

V18 1.8X AF Telephoto \$79.95

VT-3 3X Telephoto \$99.95

VT-5 5X Telephoto \$154.95

VWL 0.5X Wide \$49.95

VTL 1.5X Telephoto \$49.95

TOKINA & VIVITAR

IN STOCK CALL

SONY TR-101

Hi-8 Stereo Camcorder with 10x power zoom lens

- SteadyShot image stabilizer
- Digital superimposer
- 10 bit digital processing

#TR101



IN STOCK
SALE PRICED

FX710, Hi-8, 10x zoom \$869.95

FX510, 10x zm/stereo \$679.95

FX410, 10x zoom \$569.95

SONY TR-71 8mm Handycam

w/10x power zoom lens

- Stereo AFM hi-fi recording
- Full range remote control

#TR-71



\$669.95

TR200, Hi-8 Dockable \$899.95

TR81, Hi-8, "TOP RATED" \$799.95

CCD-VX3 IN STOCK!

JVC

S-VHS Camcorder w/22x Zoom Lens

- EIS Electronic Image Stabilizer
- Travel remote included
- S-VHS-C for unrivaled picture quality
- HiFi stereo sound



\$1349.95

GR-AW-1... \$949.95

GR-M3... \$569.95

GR-M5 \$629.95

GR-AX55... \$699.95

GR-AX50... \$699.95

GR-M7 PRO... \$799.95

ACCESSORIES

LENMAR

NO MEMORY BATTERIES

IN STOCK CALL

AMBICO

Charger/Discharger V0901 \$49.95

Tele Cine Converter V0650 \$59.95

2 way 8mm Rewinder V0754 \$29.95

VHS-C Rewinder \$24.95

VIDEONICS

EDITMAKER
FULL FUNCTION VIDEO
EDITOR THAT
CONTAINS A COMPLETE
TITLER, GRAPHICS
& SPECIAL EFFECTS
GENERATOR



\$469.95

OTHER VIDEONICS ACCESSORIES

Titlemaker \$339.95

Thumbs Up \$159.95

Boing Box \$119.95

Video Equalizer \$225.95

Graphic Library \$37.95

Panasonic WJ-AVE 5



IN STOCK!
SALE PRICED

JVC JSX-V55 \$429.95

Solidex Excel 280 \$89.95

Solidex Excel 300 \$149.95

Sima Edit 4 \$199.95

Sima Edit 3 \$149.95

Sima Screenwriter \$139.95

Ambico V-6300 \$219.95

Ambico V-6350 Titler \$169.95

14 DAY SATISFACTION GUARANTEE!

Exchange within 14 days of original purchase. No returns without original purchase receipt. Returns must be in original condition with original packaging and serial warranty cards.

NJ RESIDENTS ADD 6% SALES TAX. ALL ITEMS INCLUDE USA OR INTL. WARRANTY.
NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS. MAIL ORDERS ADD EST. SHIPPING/HANDLING CHARGE MIN. \$7.95

Circle 48 on Reader Service Card.

8 RETAIL LOCATIONS:

- RT. 22W, UNION, NJ
- RT. 18N, E BRUNSWICK, NJ
- RT. 17S, PARAMUS, NJ
- RT. 40W, W. PATERSON, NJ
- RT. 3E, NANUET, NY

VIDEO CLASSIFIEDS

To place an advertisement in VIDEO Magazine's Classifieds:

REQUIREMENTS:

Payment must accompany advertisement. We accept checks, money orders and Mastercard/Visa. NOTE: ADVERTISERS USING A P.O. BOX NUMBER MUST INCLUDE PERMANENT STREET ADDRESS, TELEPHONE NUMBER AND CONTACT PERSON'S NAME FOR VIDEO MAGAZINE'S RECORDS. ADVERTISEMENTS RECEIVED WITHOUT THIS INFORMATION WILL NOT BE ACCEPTED.

All advertisements are subject to Publisher's approval. VIDEO Magazine is not responsible for typographical errors. No "regular" advertisements will be allowed for the exchange, rental, trade, or sale of videotapes due to the potential problem of copyright infringement. No advertisement will be accepted which offer for sale products or services that have been illegal because they infringe on copyright protection or other forms of property ownership.

WORD ADVERTISEMENT:

Per Word: \$6.00 (15 word minimum)

All words regardless of length, abbreviation, symbol or numeral will be counted as one word. P.O. Box numbers/Street address are counted as two words; City/State/Zip Code are counted as two words.

ACCESSORIES

HOME THEATER DATABASE SOFTWARE PROFESSIONALLY ORGANIZES LIBRARY. Prints Labels, Reports. FREE IBM Evaluation Disk 1-800-334-3925.

Amazing Pocket Tool converts cassettes to SVHS or Hi8. Adds the S-video hole! Fast, easy, safe and self-contained. Used by professionals. Same day shipment. Send \$21.95. Money back satisfaction guarantee. Lifetime guarantee. Free information. SuperVid Supply, 3382 Border Drive, Stone Mountain GA 30087. (404) 413-8624

VX3 Comparison Video. Compares Performance Against EVW300, 460 L1, Others. Conclusive Split Screen Unbiased Shootouts 800-800-3742

AMATEUR

CANDID EUROPEAN nudist videos. Family contests, skinnydipping. Naturist events. Catalog \$3. NatFam(VV), Box 838, Venice CA 90294

RAISED SKIRT VIDEOS! SEXY COLLEGE CO-EDS! SEND \$1.00 FOR CATALOG! PROCORV, BOX 1385, GREENVILLE N.C. 27835-1385

GIRLS IN LINGERIE AND LESS! Infopak \$5. Video \$19.95. Visa/MC. HOTT, 129 East Colorado Blvd., #120-V, Monrovia, CA 91016

AUDIO EQUIPMENT

High-end audio components. The lowest prices! The best selection. Friendly service. AUDIO AMERICA (Virginia). Call 1-703-745-2223.

BETAPHILE

USED BETA VCRS. We buy and sell. Fully operational and complete. For details write Absolute Beta Videos, P.O. Box 130, Remington, VA. 22734

BLANK TAPES

WOW PROFESSIONAL STOCK T-10 1.83 T-30 1.97 T-60 2.26 T-120 2.54 ALL SIZES AVAILABLE 1-708-893-1979

BOOKS & PUBLICATIONS

DENMARK, HOLLAND-new releases. Nudism lifestyle: family recreation. Videos, magazines. Infopak 43. Lifestyles-V, Box 661268, Los Angeles CA 90066

BUSINESS OPPORTUNITIES

"VIDEO STORE SECRETS." How To Open Videotape Rental Store With No Money. Complete Details \$5.00: Layton Books, P.O. Box 934-V, South Boston, VA 24592.

\$300 DAILY WITH YOUR VIDEO CAMERA? YES! FREE INFORMATION. BARNES VENTURES BOX 744VA, COLUMBIA, MD 21045

DISPLAY ADVERTISEMENT:

Per Inch:

1X 6X 12X
\$535 \$514 \$462

Camera ready art required and pre-payment.

Please mail all advertising copy to:
VIDEO MAGAZINE CLASSIFIEDS
460 West 34th Street
New York, NY 10001
(212) 947-6500, FAX (212) 947-6727

ISSUE	RESERVE	MAT.
July 1993	4/29/93	5/6/93
August 1993	6/3/93	6/10/93
September 1993	7/1/93	7/8/93
October 1993	8/5/93	8/12/93



START YOUR OWN VIDEO BUSINESS. EARN BIG \$\$ COMPLETE HOW TO VIDEO PLUS START UP KIT. SEND \$19.95 + \$3.50 S&H TO HOW TO VIDEO, P.O. BOX 2580, SUN VALLEY, ID. 83353.

LEARN VCR REPAIR. GREAT PROFITS. HOME STUDY. P.C.D.I., ATLANTA, GEORGIA. FREE LITERATURE. 800-362-7070 DEPT. VG619.

Earn \$100/hour recording videotapes at home. Legitimate business opportunity. Send \$10 for 22 page training manual: MUI, 10096 Owens Drive, Westminster, CO. 80021

CABLE

CABLE TV CONVERTERS. Jerrold, Oak, Scientific Atlanta, Zenith and many others. New MTS stereo add-on: Mute and volume ideal for 400 and 450 owners! VISA/MC/AmEx 1-800-826-7623. B&B INC. 3584 Kennebec, Eagan, MN 55122.

CABLE STEALTH: protect yourself from descrambler detection and stop the "bullet". \$19.99 plus \$4.00 S&H. BALDWIN ELECTRONICS, BOX 9291, Balto., MD 21222

CABLE DESCRAMBLERS, and test turn-on-kits at best Prices. Also Bullet stoppers, call the rest then call us for the best price, 305-425-0751 (Cash payed for cable boxes)

PREVENT DESCRAMBLER DAMAGE. DON'T BITE THE BULLET!!! Snooper Stopper Data Pulse Blocker 33.95. With Surge Protection 44.95 ... Wireless Video Sender 54.95. VCI 1-800-925-9426

CABLE TV DESCRAMBLERS NOBODY BEATS OUR PRICES! Quantity 24 Hour Shipping - All Brands Call V.C.I. 1-800-677-0321. NO FLORIDA SALES.

JERROLD IMPULSE DPV72 REPLACEMENT \$175.00 JERROLD IMPULSE ADD ON \$99.00 JERROLD IMPULSE BASE-BAND \$249.00 SCIENTIFIC ATLANTA ADD-ON \$99.00 EXTENSION CABLE 1-800-864-3840

CABLE T.V. CONVERTERS JERROLD @, ZENITH, PIONEER, OAK, Scientific Atlanta, and many more. 12 years experience gives us the ADVANTAGE VISA/MC AMEX COD. ADVANTAGE ELECTRONICS, INC. 1-800-952-3916 1125 Riverwood Dr., Burnsville, MN 55337.

DESCRAMBLERS KITS. Complete Cable Kit \$44.95. Complete Satellite kit \$49.95. Add \$5 shipping. Free Brochure. Summit vi, Box 489, Bronx, NY 10465

CATALOGS

TV GUIDES 1950-1993. CATALOGUE \$2.50. TV AND MOVIE MAGAZINES, PHOTOS, MACGYVER, CATALOGUE \$3.00. ROGOFKY, BOX 107-VM, GLEN OAKS, N.Y. 11004

FREE SUBSCRIPTION - Independent Videographer Catalog — profit-making tools for success! Call Great Lakes Video, 800-544-4649.

TV GUIDES, 1953-1993. Every issue available. Catalog \$3.00. TV Specialists, Box 20-V, Macomb, IL 61455.

DUPLICATION

If You Need Video Tapes Duplicated or Foreign Tapes Converted, Call HIGH-TECH PRODUCTIONS 1-800-662-8336

FILM/MOVIES

NUDIST AEROBICS, BALLET, GYMNASTICS, PARTIES. Family naturist activities. NEW '92 releases. Photo-filled catalog \$3. Natuurlijk, Box 5278VI, Santa Monica CA 90409

HOT! SEXY! EXPLICIT! "PONDEROSA 1992" - Infamous Indiana resort. 2 Hrs. - \$29.95 VHS; INFO \$1.00; Photos \$5.00. State Age. Midwest Models P.O. Box 10826 Merrillville, IN 46411

Beta, CED, 8MM, Laser, VHS Movies. Thousands At Discount Prices. Specify Format. Catalog \$2.50 - Refundable. Mail Box Video, Dept. D, West Bloomfield, MI 48324

AMATEUR VIDEOS! SEND \$3 FOR LIST. WILL BE REFUNDED WITH FIRST ORDER. WCECO, BOX 9803 F.V. CA 92728-9803

1,000,000 VIDEOMOVIES/SOUNDTRACK LPS! Video Catalogue—\$1.00. Descriptive Catalogue—\$9.95. Soundtracks—\$1.00. RTS/VE76, Box 93897, Las Vegas, Nevada 89193

*** Free Sunshine. Nudist Big Mail Video Directory Offer. 300 + Sources.** Preview Video - \$65.00 color catalog \$3.00. Genesis-V Box 5653 Santa Monica, California 90409 1-310-392-0046

FILM SEARCH. We obtain hard-to-find films(pre-1970) on video. We're expensive, but good. 5 searches \$5.00 & S.A.S.E. Video Finders, 1770 N. Highland Avenue #721-vmg, Los Angeles, CA 90028.

JOIN US FOR A HAPPY NOOD YEAR!! Noodist Videos & Magazines for the entire family. Highest quality from \$29.95. Send \$2.00 for color brochure. BB Enterprises 2762-A W.Broadway Los Angeles, CA 90041.

BRITISH T.V. & FILM. 400 PAGE 6000 TITLE CATALOG \$7.00 REFUNDABLE. LAUGHINGHOUSE P.O. BOX 8572, ANAHEIM, CALIFORNIA 92812-0572

MILITARY AND POLITICAL HISTORY ON VIDEOCASSETTE. Send \$2.00 for catalog to International Historic Films, Inc. Box 29035 Dept. V Chicago, IL 60629

California Nude Beaches. 1-20; Maslin Beach, Australia's largest Nude Beach 1-2; Nudist Beauty Contest 1-15; 2 Hrs. \$35 ea. or 3 for \$75; Catalog \$1.00 T&A 904 Silver Spur Rd., Ste 414-VM, Rolling Hills Estate, CA 92074-3802.

VIDEO CLASSIFIEDS

FOR SALE

REPLICA SWISS WATCHES Best warranty, prices, quality, service, guaranties. Great Birthday gift. Holiday specials. (404) 682-0609

HOME THEATER

HOME THEATRE EQUIPMENT - VIDEO PROJECTORS, DECODERS, ETC. COMPREHENSIVE CATALOG \$5.00 - REFUNDABLE. HTS, 6865 BRANDON MILL ROAD, ATLANTA, GA 30328.

HOW TOS

VCR REPAIR VIDEO. FIX MOST PROBLEMS IN MINUTES SEND 29.95 2222 E. CAMPBELL 30 PHX AZ 85016

HOW TO MAKE YOUR OWN XXX VIDEO for \$\$\$! Inexpensive shooting, directing, editing, music, selling to stores/distributors, finding talent... Stars/Directors Interviews! VHS \$29 pp. State age. VISA/MC/AMEX. KBBS DptVC, PO Box 10281, Canoga Park, CA 91309

INDEPENDENT PRODUCTIONS

THINK YOU'VE SEEN EVERYTHING?! I thought so too. We're both wrong. Talk about some strange girls! Guaranteed awesome, but inexpensive. Brochure. \$2.00 Dark Mountain Video, 607 Corona Street, Suite 294, Denver, CO 80218.

—PBTM— PROFESSIONAL BROADCAST ROYALTY FREE MUSIC! 24 Hour Demo & Info Line: 503-345-0212. MC/VISA Orders. Free Catalog.

SCANDINAVIAN CUTIES!! Cherry Girl XXXX Videos! Sample \$40.00. Photolog \$5.00. TLC, Box 330, Deerfield Beach, FL 33443-0330.

HONDURAS, COSTA RICA, Caribbean, Bali, Philippines, Thailand Red Light Districts. Guidebooks, Videos! Photopak \$2.00. International, Box 1035, Deerfield Beach, FL 33443.

RARE XXX Foreign Stag Films from 1890's - 1920's Three 90min. Tapes \$20.00 each \$50.00 for all three. Taylors, P.O. Box 405, Springfield, MO 65801-0405.

EROTIC DREAMS VIDEO NUDE GIRLS FANTASIES TITALLATING! SENSUOUS! HOT! Send 29.95 plus 3.50 p+h to RMC PRODUCTIONS P.O. Box 185 Glendora, NJ 08029 - Color Catalog 5.00 or FREE with Purchase. The Highest quality guaranteed.

BLUE VANITIES: CLASSIC VINTAGE STAG FILMS. 30's to 60's arcade nudes & strippers, softcore & teasers. **COLLECTOR'S ITEMS,** all on video VHS/Beta. Large Selection - Catalog \$3.00 **ADULT FILM TO TAPE TRANSFERING.** Regular, Super 8 & 16mm - Lowest prices available. **Also foreign conversions** (All Countries). FILMFARE VIDEO LABS, INC., Dept. A 401 NE Ravenna Blvd., STE. 156 Seattle, WA 98115.

WETLOOK, UNDERWATER AND SLAPSTICK CUTIE VIDEOS. Clothed/Nude/Sexy/Comical. Mark Kelly, 10718 Sandy Run, Jupiter, FL 33478.

NAKED EUROPEAN YOUNG BEAUTIES VIDEOS! Great Close-Ups! Satisfaction Guaranteed. 1 Hour Tape \$40. Brochure \$10. Larry Smith 380 Bleeker Street #136, New York, N.Y. 10014

HOT AMATEUR VIDEOS WITH A BACK DOOR BLONDE AND BRUNETTE SHOT AT THE LAS VEGAS C.E.S.! FOR INFO. SEND SASE AND AGE STATEMENT (OVER 21) TO: S.V.E., POB 797, MACOMB, IL 61455.

COMMERCIAL XXX VIDEOS AS LOW AS \$8.00! FROM ARROW TO ZANE. SEND \$5.00 FOR DETAILED INFO TO: S.V.E., POB 797, MACOMB, IL 61455. AGE STATEMENT (OVER 21) REQUIRED.

FETISH AND LINGERIE EROTIC VIDEOS WITH BEAUTIFUL GIRLS. SEND \$2.00 FOR CATALOG TO UNIVERSAL P.O. BOX 1378 HANFORD, CA 93232

EXPLICIT "NUDIST" VIDEO. 2-Hours-\$29. (Complete Catalog \$3)FP(n), Box 116F, Toronto, Canada M4Y2L5

VIDEO CLASSIFIEDS

CELEBRITIES NUDE ON VIDEO OVER 300 STARS. 25 VOLUMES 60 MINUTES EACH CATALOG \$2.00 C&D VIDEO 2550 Sandy Plains Road Suite 320/Dept. VM Box 117 Marietta, GA 30066

FREE CATALOG. Amateur Adult Videos 1-800-444-8336 Must be 21 Video Alternatives, 526 Wharf Street, Lake Saint Louis, MO 63367

PUBLIC NUDITY: Mardi-Gras-1993 or Fantasy Fest-1992. \$34.50 or \$64.00 for both plus S/H \$3.50 each tape. Rex Enterprises, P.O. Box 640182, North Miami Beach, FL 33164

Topless French Beaches. Rio. Carnival. Brazilian Beach Girls. Video \$50.00. Catalog \$2.00. Brazil Video, P.O. Box 8572, La Jolla, CA 92038

Superb Beauties Perform Raised Skirt, Bra, Panty Lingerie and Nude Videos! 100 tape Brochure \$5.00 Ninety Minute Twelve Model Sampler. \$25.00 STONE CITY P.O. BOX 2313-VM Halsite N.Y. 11743-0688

SLOPPY, SOPPING & SUBMERGED The Wet-Look, Messy Slapstick and Underwater Fetish Tape Series You've Been Waiting For! Mention This Ad. AQUA ENTERTAINMENT, POB 36, Hazel Park, MI 48030

ASIA BLUE 1993 - NOW ALL COLOR! 75 Photo to Filled Pages of exclusive imported Erotica including Fetish - Nudism - international magazines and wet amateurs. Catalog \$3.00 State Age - Sample Europe's Naked Beaches \$25.00 VHS JAPANESE cuties in soaking passions \$19.90 ASTRAL Box 931753V Hollywood, CA 90093

Erotic Female Boxing and Wrestling Videos. VHS Video Sampler \$12.00 Leather & Lace Productions Dept. V Box 455 Cary, Illinois 60013

NUDE BEAUTY & DANCE CONTESTS videos. Unixex. Preview Tape \$24.95. S.A.S.E. for Brochure. Classic Productions, P.O. Box 952, Metairie, LA 70004.

FANTASY GIRLS! EROTIC WORKOUT VIDEO. Four beautiful models strip, work out and dance - TOTALLY NUDE - just for you. Uncensored and HOT! 60 minutes (VHS) - \$29.95. Free catalog and poster with order. New Wave Video, P.O. Box 1464, Lake Oswego, Oregon 97035

Teen modeling, foreign cuties, Naturist videos. Send \$3 for details to: C.R.T. P.O. Box 1708, Miami Beach Fla. 33119.

VOLUPTUOUS NFL CHEERLEADER AND HOT FRIENDS!! YOUNG BEAUTIFUL BLONDE! FIRST TIME POSING NUDE! ONE HOUR X-PLICIT VIDEO - \$39, PHOTO SAMPLES - \$3: Omega Productions, P.O. Box 273965, Tampa, FL 33688-3965.

Cute Young Stevi and Friends have Unique Videos! List, photo \$3 to Stevi, 556 N. Eastern D-196(M), Las Vegas, NV 89101

LOVELY, EXCITING, EROTIC FEMALES PERFORM FOR YOU. Raised skirts, pantyhose, strip tease and ALL NUDE! Wide Variety! Two Hour Preview Tape, \$34.95. Photo-filled Brochure \$3.00. Studio North, P.O. Box 522 Huntington, N.Y. 11743

California women in denim attire and totally nude. \$1 for details. Dick Muley Productions, P.O. Box 2765, Carlsbad, CA 92018

EXCITING, EROTIC VIDEOS, BEAUTIFUL GIRLS TEASE IN UNDERWEAR, RAISED SKIRT, PANTIES, G/BELT, STOCKINGS, PANTYHOSE & LESS! ALL REVEALED! 2 HOUR PREVIEW TAPE \$39.95. PHOTO FILLED CATALOG \$5.00. L. DOLAN-VM P.O. 368. PLAINVIEW, NY 11803.

BIZARRE EXOTIC VIDEOTAPES FOR ADULTS. PLEASE SIGN 21. FREE TAPE OFFER. SEND \$2, SASE: VIDEOSHOPPE P.O. BOX 270580, COLLINS, CO. 80527.

"XXX Amateur Videos, Magazines, Books, Lingerie, Contacts, Trades. Catalog \$2. RBG, 3645 28th Street SE, Suite 154-V, Grand Rapids, MI 49512"

DAMSELS IN DISTRESS. Custom videos/movies. List, \$2, Sampler, \$20. IDS P.O. BOX 83 Deerfield, NJ 08313

VIDEO CLASSIFIEDS

THE WILDEST-SEXIEST AMATEUR VIDEOS AVAILABLE! DON'T MISS OUR FAMOUS COLORADO RIVER T&A VIDEOS! #144 Lake Havasu Wet T&A Boat Party. 2hr. 1992. #140 Memorial Weekend Wet T&A 2hr 1992 #143 Girls Gotta Have Fun 70min 1993 #141 California Nudists vol 3 90min 1992 45 Video Catalog 2hr \$20 4 videos or more Catalog FREE! \$39 ea 2 or more \$25 ea. ck/mo/visa/mc To: GM VIDEO P.O. BOX 1339 SEDONA, AZ 86339 Charge (602) 634-1285 45 Video Brochure \$1 All Have Total Nudity!

HARD-TO-FIND, UNUSUAL, AND FOREIGN XXX VIDEOS!! You name it, we got it! Satisfaction guaranteed. 1 hr. sample tape \$40. Brochure \$3 (ref) Larry Smith, 380 Bleeker Street #136, New York, N.Y. 10014

FIERCE FEMALE FIGHTING VIDEOS FOR FREE CATALOG 1-800-582-4343 L. SCOTT SALES P.O. BOX 4430 COLLEGE PT., N.Y. 11356.

YOKO GOES TO THE ORIENT. I TAPE YOUNG ORIENTAL STUDENTS, PRETTY HOUSEWIVES AND HOT, EROTIC ACTION WITH MY BOYFRIEND. **PREVIEW TAPE 3 HOURS-\$45.00** VISA/MC ACCEPTED. F.E.V. 39 BOWERY, N.Y.C., N.Y. 10002 1-212-996-4054

STUNNING BEAUTIFUL CENTERFOLD MODELS. SLENDER FIGURES WITH BIG BUSTS. Uninhibited nude posing and Eye Contact. 30 GIRL ONE HOUR VHS SAMPLER \$19.95 + \$4.50 IMMEDIATE PRIORITY SHIPPING. SUN & FUN PRODUCTIONS, 1765 GARNET, Pacific Beach, CA 92109

BABES OF MANILA! Asia sexiest and wildest women. XXX AMATEUR ACTION! Write L.B.F.M., Box 8110-279, Blaine, WA 98230

Sampler Erotic Strip Tease Video. Sexy Blondes - Nude \$14.98. Graig Hamilton, Box 8334, Toledo, Ohio 43605

LASER DISCS

FREE LASERDISC CATALOG. ALL TITLES INCLUDING ADULT AND KARAOKE. 1-800-289-WEST. FAX 714-964-4200 WEST COAST LTD. 20192 SUNSHINE DRIVE, HUNTINGTON BEACH, CALIFORNIA 92646

Read LASER CLASSICS for a discriminating look at films on laserdisc. \$24/year. Laser Classics 12122 Aero Drive, Garden Grove, CA 92641. SAMPLE AT REQUEST.

FREE SAMPLE — Laser Disc Newsletter for video consumers. (800) 551-4914, P.O. Box 420 East Rockaway, N.Y. 11518. FAX (516) 594-9307

USED LASERDISC CLEARANCE. Rare Titles. Save Money. FREE CATALOG. VDI/C 5339 Prospect #221, San Jose, CA 95129

15% OFF ALL TITLES 17.5% OFF PRE-ORDERS. ALSO BUY/SELL USED DISCS. VIDEOQUEST 214-987-4744.

LASER DISCS UP TO 60% OFF! FREE CATALOG. LASER EXCHANGE SUITE #275, 444B BROADWAY SAUGUS, MA 01906-1995. (617)231-8010.

ADULT LASERDISCS FOR SEXUAL THERAPY. OVER 21 ONLY. FREE CATALOG. LASERDISCS, P.O. BOX 76184, ATLANTA, GA. 30358-1184.

Laser disc preferred. SEM VIDEO PRODUCTS -Laser Disc quality at discount prices. Please call or write for free catalog. 1-800-247-6644, 1921 54th St., Brooklyn, N.Y. 11204.

MISCELLANEOUS

BEAUTIFUL ORIENTAL LADIES desire romance, correspondence! Free color brochure! P.I.C. P.O. Box 461873-V, L.A., CA 90046 213-650-1994.

Philippine BEAUTIES! Unique Video and Photo introduction service. Free Brochure! LIFETIME PARTNERS, 829 Lynnhaven Pkwy. #114-325, VA Beach, VA. 23452.

VIDEO CLASSIFIEDS

JAPANESE, ASIANS, EUROPEANS seek friendship, correspondence! All ages! Free Information: Inter-Pacific, Box 304-A, Birmingham, MI 48012.

THAI/ASIAN WORLDWIDE ladies desire life-mates! FREE brochure: TAWL, P.O. Box 937(V) Kailua-Kona Hawaii 96745-0937. (808) 329-5559

Pearls Of The Orient Want To Write You. Details, Photos FREE. VIDEOS AVAILABLE. (#1 In Service Since 1979.) PAL, Blanca, CO 81123 0200 (719) 379-3228 24hrs.

TRADITIONAL ORIENTAL WIVES! Overseas correspondence - free photos, details. Asian Experience, Box 1214C, Novato, CA 94948. (415) 897-2742.

LATIN AND EUROPEAN BEAUTIES Want Romance/Marriage. Free 36 page catalog. Latin-Euro Introductions, Box 26750-V1 Ft. Lauderdale, FL 33320, 1-305-486-1373. Anytime.

ATTRACTIVE JAPANESE WOMEN, other Asians seek friendship/marriage! Pacific Century, 110 Pacific Ave. #208-G, San Francisco, CA 94111. 816-942-1668.

ASIAN WOMEN DESIRE ROMANCE! Overseas, Sincere, Attractive. World's #1 Service! Free Details, Photos! **SUNSHINE INTERNATIONAL CORRESPONDENCE**, Box 5500-ZR, Kailua-Kona, HI 96745. (808) 325-7707

BEAUTIFUL JAPANESE LADIES! We'll introduce You! Photos, Descriptions, application, \$2.00: Japan, Box 20323-V, Sun Valley, NV 89433

MEET WOMEN WORLDWIDE! Free 32 page photo catalog! **CHERRY BLOSSOMS**, 190VM Rainbow Ridge, Kapaau, HI 96755. 1(408)980-7488.

Beautiful Philippine ladies personally interviewed, video taped and photographed. Expert guided group tours, marriage and immigration assistance. Brochure \$2.00. International Connections, Dept. CX, P.O. Box 5828, Bellingham, WA 98227 (206) 734-5254

THAILAND - MARRIAGEABLE WOMEN WAITING! Photograph brochure \$3. Video \$20. Tours, "Thai" Box 398176(VM) Miami, FL 33139

OVERSEAS EQUIPMENT

MULTI-STANDARD TVs, VCRs, PAL, CAMCORDERS, WORLDWIDE USE, ASMAR OVERSEAS SHIPPERS, 5568 Sepulveda Boulevard, Culver City, CA 90230. PHONE: (310) 398-0080. (800) 723-4646.

TRANSFERRING

DIGITAL CONVERSIONS \$24.95. VIDEO CASSETTE DELIVERED. QUALITY GUARANTEED. SAME DAY. A.I.V., 595 CIRCLEWOOD, AURORA, OH 44202 (216) 562-8983.

DIGITAL CONVERSIONS - LOWEST RATES Guaranteed quality. All Standards/Formats. INTERVIDEO 3533 S. Archer, CHICAGO, IL 60609 1-800-726-1315

BROADCAST QUALITY FOREIGN CONVERSIONS. IMMEDIATE SERVICE. DISCOUNT RATES. Bright, clear, smooth video action. Don't settle for less than the best! **ALL WORLD STANDARDS AND FORMATS. VISA/MC. CREATIVE AV CONCEPTS, Inc.** 1500 OLD DEERFIELD RD #13 HIGHLAND PARK, IL 60035 1(800) 477-7001.

FOREIGN DIGITAL CONVERSIONS. FOR WORLDWIDE TELEVISION STANDARDS REASONABLE RATES & FAST SERVICE. OVERSEAS VIDEO, 203 PEPPERIDGE CIRCLE, STREAMWOOD, IL 60107. 1-800-782-4622.

DIGITAL VHS CONVERSION, NTSC/PAL/NTSC. \$25.00 Inclusive. By return service, **EDENBERG VIDEO, P.O. BOX 4025, EDEN, NC 27289, (919) 635-5555**

VIDEO CLASSIFIEDS

SUPER VHS

Super VHS Movies America's #1 supplier of S-VHS titles. All professionally duplicated. **No VHS owners please!** 1-800-331-6304. Super Source Video, P.O. Box 410777, San Francisco, CA 94141.

ACCESSORIES



SEE MORE DEPTH, COLOR & REALITY ON YOUR TV SCREEN WITH THESE AMAZING NEW GLASSES THAT REVOLUTIONIZE TV VIEWING. ORDER YOURS NOW! SEND CHECK OR MONEY ORDER FOR \$12.95 TO STEREOPTICS, BOX 6412 FDR STATION, NY 10022 MONEY-BACK-GUARANTEED

SINGERS! REMOVE VOCALS! Unlimited Backgrounds™

From Standard Records & CD's with the Thompson Vocal Eliminator™ Call for Free Catalog & Demo Record. Phone: (404) 482-4189 Ext 40 Singer's Supply, Dept V-1 7984 Hightower Trail Lithonia, GA 30058 24 Hour Demo/Info Request Line (404) 482-2485 Ext 40 Singer's Supply - We Have Anything & Everything For Singers

BUSINESS OPPORTUNITIES

LEARN V.C.R. REPAIRS

FROM V.H.S. TAPES

Super close-up shots detailing every part and it's function fully explained. A hands-on video tape home study. 30 minutes into the tape you will be able to do basic repairs and start making money right away! \$149.95 +\$4.00 shipping.

TO ORDER CALL TOLL FREE 1-800-461-3482

CABLE

FREE CATALOG CABLE DESCRAMBLERS KDP INC.

FREE CALL 1-800-466-3554

CABLE TV DESCRAMBLER LIQUIDATION!

FREE CATALOG!

Hamlin Comboes \$44, Oak M358 \$80 (min. 5), etc.

WEST COAST ELECTRONICS

For information 318 709 1

Catalogs & Orders 800-628-9566

CABLE TV EQUIPMENT & DESCRAMBLERS

FREE CATALOGUE

1-800-875-DEAL

Cornerstone Electronics Inc.

CABLE T.V. EQUIPMENT

WHY PAY A HIGH MONTHLY FEE?

All makes and models! Low Prices. Quantity discounts. 60 Day Warranty. Shipment within 24 hours. Stamped envelope (50¢) for FREE catalog. C.O.D. orders accepted. No Illinois orders.

L&L ELECTRONICS, INC.

1430 Miner St., Suite 522
Des Plaines, IL 60015

Information... 1-(708) 438-4056
Orders... 1-800-542-8190

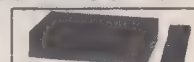
YEARS OF CUSTOMER SATISFACTION!

Please have a copy of this ad with you at all times and a federal law regarding private ownership of cable TV equipment. Consult your local authority.

VIDEO CLASSIFIEDS

CABLE TV DESCRAMBLERS & MORE

Call for your wholesale catalog. (800) 835-2330 (800) 327-8544



Top of the line...

- Converters
- Bullet Protectors
- Coaxial Cable Kits
- Wireless Cable System

Multi-Vision Electronics, Inc.
2739 So. 12th St., Ste. 124 Omaha, NE 68144

Customers agree to supply with all laws regarding ownership of Cable TV equipment, if you are unsure of these laws, check with your local officials.

CABLE TV DESCRAMBLERS

1-800-233-9388

FREE CATALOG

GUARANTEED BEST PRICES • IMMEDIATE SHIPPING

APPLE ELECTRONICS

3389 Sheridan St. Suite 257
Hollywood, FL 33021

CABLE TV DESCRAMBLERS ★ CONVERTERS ★ and ACCESSORIES.

SAVE MONEY. DON'T RENT!

PANASONIC, JERROLD, OAK, PIONEER, SCIENTIFIC ATLANTA AND MORE. LOWEST PRICES. FREE CATALOG.

CABLE READY COMPANY (800) 234-1006

FREE CATALOG! 1-800-648-7938

JERROLD HAMLIN OAK ETC
CABLE TV DESCRAMBLERS

- Special Dealer Prices! • Compare our Low Retail Prices! • Guaranteed Prices & Warranties!
- Orders Shipped Immediately! VISA/MC/AmEx

REPUBLIC CABLE PRODUCTS, INC.

4080 Paradise Rd #15, Dept. 234 Las Vegas, NV 89109
For all other information (702) 362-9026

CABLE DESCRAMBLERS

ALL MAJOR BRANDS

WE BEAT ANY PRICE!

MONEY BACK GUARANTEE!

PLEASE HAVE MAKE AND MODEL NUMBER

READY WHEN CALLING

CABLE HOTLINE 800-497-6273

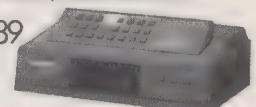
CABLE TV DESCRAMBLER

WE HAVE WHAT YOU WANT AND MORE!

We offer a full line of original and aftermarket descramblers for Jerrold, Pioneer, Zenith, Scientific Atlanta, General Instrument...

Call for information & pricing

\$89



Panasonic Cable TV Converter

\$49



VIDEO STABILIZER

Allows you to copy movies protected by Macrovision and other copy protection systems. Metal case w/9v battery included. Optional AC adapter \$6.

CALL 800-487-2225

Gault, Inc.
5927 W. Bell Rd. D-106
Glendale, AZ 85306

VIDEO CLASSIFIEDS

VIDEO CLASSIFIEDS

VIDEO CLASSIFIEDS



ANNOUNCING AN END TO HIGH MONTHLY CABLE FEES!

CABLE TRONICS, INC.

450 Shag Bark
Alongonquin, IL 60102

**WE STOCK ALL MAKES AND MODELS OF
cable equipment**

Call 1-800-232-5017

C.O.D. ORDERS ACCEPTED

All orders shipped within 24 hours
(NO ILLINOIS ORDERS ACCEPTED)



SATELLITE

SATELLITE TV

SATELLITE
TV
BUYING
GUIDE

NAME BRANDS AT 50% DISCOUNT
This FREE 24 page Consumer Buying
Guide tells all about Satellite TV and
lists guaranteed lowest prices.

Satman, Inc.

6310 N. University No. 3798 • Peoria, IL 61612
1-800-472-8626

CALL FOR

SAVE
40%-60%

SATELLITE TV

FREE
56 pg
Catalog

NAME BRAND EQUIPMENT & ACCESSORIES

Systems • Upgrades • IRDs • Movers • Feeds
LNBs • 3' to 24' Dishes and much more...

100% Satisfaction Guaranteed

800-334-6455

218-739-5231 Int'l

218-739-4879 Fax

Skyvision, Inc.

1028 FRONTIER DRIVE FERGUS FALLS, MN 56537

INSTALL OR UPDATE YOURSELF!

WIRELESS CABLE RECEIVERS 1.9 to 2.7 GHz



36 CH 20" Parabolic Dish Sys.\$173.90
36 CH 28" Rod Ant. Sys.\$193.90
36 CH 16x20" Grid Ant. Sys. (photo)\$289.00
36 CH 24x36" Grid Ant. Sys.\$314.95

SUN MICROWAVE INT'L. INC.
PO BOX 34522

Send \$1** for
product catalog.

PHOENIX, AZ 85067 Dealer discounts available.
(602) 230-1245 FAX (602) 269-6069

ORDERS ONLY 1-800-484-4190 code 9793

VIDEO DISCS

EXOTIC CARTOONS

#1- GONAD THE BARBARIAN
#2-OFFENDERS OF THE UNIVERSE
#3-PANDORA, AN EXOTIC TRILOGY
Each Cartoon is feature length, in
stereo/HI FI. Only \$28.⁹⁵ each + \$3.⁹⁵
shipping (you must be 21).

EXCALIBUR FILMS
1-800-289-6684

3621 W. COMMONWEALTH, FULLERTON, CA 92633
Write for free catalog. Contains
thousands of sizzling video movies
for every interest and taste.
Save up to 84% over retail price.

FREE CATALOG

Circle 156 on Reader Service Card.



**THE HIGH COST OF RENTAL
FEES BY OWNING YOUR OWN**

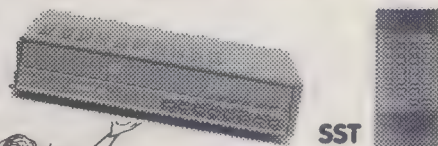
CHAMELEON

Descrambler

FREE CATALOG!

1-800-228-7404

ORDER TOLL-FREE



SST

& Converter!

ALL MAJOR BRANDS

**NU-TEK
ELECTRONICS**

3250 Hatch Rd. Suite 1A
Cedar Park, TX 78613

HOME THEATER

HOME THEATER ENTHUSIASTS!

Share the fun of Home Theater.
Receive our monthly newsletter,
"Home Marquee," plus other
benefits! Join today for only \$35
per year. Send to:

**INTERNATIONAL HOME
THEATER ASSOCIATION**
3736 San Rafael Way
Riverside, CA 92504-3946

AMERICA'S LEADING SUPPLIER OF VIDEO TAPE 1-800-245-6000

T120	STD.	HQ.	HFI	PRO	T160	T160HG	STC30	BMH-8	S-VHS	BMH120
TDK	2.20	3.19	4.99	6.99	3.99	4.99	8.99	7.99	7.99	3.99
MAXELL	2.20	3.29	4.99	5.99	3.99	4.99	8.99	6.99	7.99	3.99
SONY V	2.99	3.79	5.49	6.49	3.99	4.99	8.99	7.99	7.99	3.99
SONY	2.20	2.99	4.89	5.49	3.99	4.99	8.49	7.99	7.99	4.49
FUJI	2.29	3.49	5.99	3.99	4.99	5.49	7.49	7.99	7.99	3.99
JVC	2.10	3.09	4.79	5.49	3.99	4.99	8.69	7.99	7.99	4.99
SCOTCH	2.99	3.39	4.79	5.49	3.99	4.99	8.69	7.99	7.99	4.99
BASF	1.99	2.89	3.29	4.49	3.99	4.49	8.69	7.99	7.99	4.99

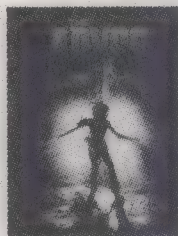
TDK, SONY, JVC, SHG 4.19, SONY, TDK, HME 120 13.99 COMPLETE LINE TDK, MAXELL, SONY, FUJI. We
Warrant Any Competitor's Total Price (including Shipping) 1% 4.99 Shipping in Business Address. Shipping
to a Residence is 4.99 for 1-20 Tapes, 5.99 for 21 or more. C.O.D. fee 4.50 per Package. All Tapes have U.S.
Warranties. VHS, MAC, Discos Not Extra. Orders Shipped Following Day. Please Post SH Call, BETA, ED Beta,
Electronics, Mini Systems, Call DAT Portables 699.00 JVC VCRS, LOW!

TAPE WORLD OUR 18TH YEAR
Call M-F 8:30-5:00, 220 Spring St., Box 361, Butler, PA 15003 Ph: 412-283-8621 Fax: 412-283-8298

01 LASER VIDEO

Discounts

All laserdiscs 10%
Orders over \$150 12.5%
Orders over \$250 15%
Pre-orders 12.5%
Karaoke discs, CDG
Karaoke VHS video
cassettes



Distributed by IMAGE ENTERTAINMENT

Free catalog

Free UPS Ground (Continental U.S.)
Visa, MasterCard, American Express,
COD's, & checks

We carry every title of laserdisc.
We carry LaserKaraoke players and
All Sizes LaserKaraoke Discs.

We can special order Japanese Import laserdiscs.

Mon-Fri 9-9 / Sat 11-9 / Sun 11-6

Toll free (800) 342-9715 or 714-848-4034
(FAX) 714-841-3304

8780 Warner Ave., #9, Fountain Valley, CA 92708

CABLE TV DESCRAMBLERS

JERROLD, SCIENTIFIC ATLANTA, ZENITH, TOCOM,
PIONEER, HAMLIN, OAK, ETC.

**WE GUARANTEE YOUR COMPLETE
SATISFACTION WITH A 30-DAY NO-RISK
TRIAL PERIOD.**

ONE YEAR WARRANTY ON ALL PRODUCTS IN WRITING!

**TKA
ELECTRONICS**

FOR A FREE CATALOG OR QUESTIONS CALL:

1-800-729-1776

7914 W. Dodge Rd. #334 Omaha, NE 68114

Circle 158 on Reader Service Card.

CAMCORDER BATTERIES



The Battery Doctor

Is your camcorder battery sick and tired? Is NiCad "memory" a problem?
Don't pay good money to replace your fading batteries. We can bring your old
batteries back to life! Our professional grade equipment can restore your battery's
original power and stamina. Just send your battery with check or money order for
**\$7.95 + \$2.00 Postage and handling to:

The Battery Doctor
P.O. Box 9566
San Jose, CA. 95157

Call 408 985 9032 for volume pricing.
* Prices higher for more than 3 Amp/hrs
Please allow 4-6 weeks for delivery.

PIONEER

LaserDisc

WE STOCK EVERY TITLE
Largest mail order retailer in the U.S.

• Fastest availability on new titles
• Most orders shipped same day
• 10% discount on all titles
• Free UPS Shipping in
Continental U.S. (2nd Day Air Only)
• Visa, Mastercard, Amex, checks & C.O.D.
For Free Catalogue Call or Write

**44
Years in
Business**

**Ken
Crane's**
1-714-892-2283
1-800-624-3078
IN CA 1-800-626-1768
15251 Beach Blvd., Westminster, CA 92683

Circle 155 on Reader Service Card.

CABLE TV DESCRAMBLERS

How You Can Save Money on
Cable Rental Fees

Bullet Proof



1 Unit 5+

**BEST Super Tri-Bi Auto/
Var. Gain Adjustment** \$119.95...\$85
Jerrold Super Tri-Bi ... \$109.95...\$79
Scientific Atlanta \$109.....\$79
Pioneer \$109.....\$79
Panasonic TZPC145.... \$99.95...\$79
Stargate Converter..... \$95.....\$69
Digital Video Stabilizer. \$39.95...\$25
Wireless Video Sender...\$29.95 ...\$29.95

**US Cable'll Beat
Anyone's Price
Advertised in
this Magazine!**

30 Day Money Back Guarantee

FREE 20 page Catalog

Visa, M/C, COD or send money order to:

U.S. Cable TV Inc. Dept. KVM063

4100 N. Powerline Rd., Bldg. F-4

Pompano Beach, FL 33073

1-800-772-6244

For Our Record

I, the undersigned, do hereby declare under penalty of perjury that all products purchased, now and in the future, will only be used on Cable TV systems with proper authorization from local officials or cable company officials in accordance with all applicable federal and state laws. **FEDERAL AND VARIOUS STATE LAWS PROVIDE FOR SUBSTANTIAL CRIMINAL AND CIVIL PENALTIES FOR UNAUTHORIZED USE.**

Date: _____

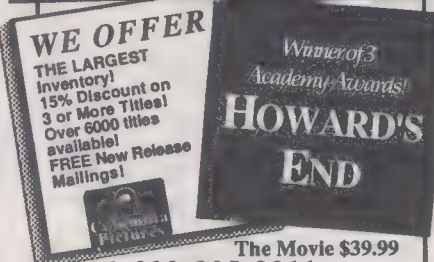
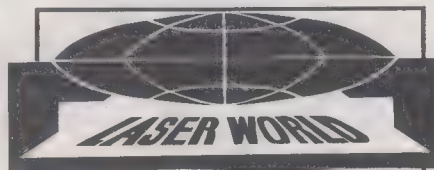
Signed: _____

No Florida Sales!

NEW & USED LASERDISCS!!

We stock over 2,000 used & over 6,000 new LV titles!
& we take your Used Discs in trade!!
INDUSTRY'S BEST SELECTION & SERVICE SINCE 1984
IMPORTS, CD-I, CD-ROM & KARAOKE, TOO!!

Sight & Sound Call or write for our FREE catalogs!!!
617 894-8633 fax 617 894-9329
27 Jones Rd., Waltham, MA 02154



The Movie \$39.99
Call 1-800-935-9211 Today for

Immediate Service or Send to:

LASER WORLD

3305 Corporate Ave. Ft. Laud., FL. 33331

*Major Credit Cards Accepted!

Hours: 8:30AM - 5:30PM Mon. thru Fri.

IT'S THAT EASY!

MAIL-ORDER GUIDELINES

Note: These regulations do not pertain to orders placed over the telephone and charged to a credit card.

SUGGESTIONS FOR MAIL-ORDER PURCHASERS

1. Read the ad carefully.
2. Whether you place your order by mail or by telephone, confirm the exact price (including any rebates) and any additional costs such as warranties, shipping, handling and insurance before you place your order.
3. Check with the advertiser regarding any warranties offered or available for purchase.
4. Check whether the advertiser has a return policy and a restocking charge.
5. Keep a record of your order and all other transactions and get the names of all persons with whom you speak.
6. Never send cash. Pay by check or money order or with a credit card so you will have a record of your transaction. If you pay by credit card, you may have a greater measure of recourse in the event the advertiser does not perform. (Check the complaint procedures of your credit card companies.)

7. If you receive damaged or improper merchandise, contact the advertiser as soon as possible.

8. Get a receipt from the shipper whenever you return merchandise.

9. Since VIDEO Magazine will not continue to accept advertising from businesses that have engaged in a regular pattern of unfair or improper dealing with our readers, try to determine which have been long-standing advertisers.

WHAT TO DO IF YOU HAVE A PROBLEM

1. Allow 30 days for receipt of order or delay notification.
2. Contact the advertiser in writing, stating the merchandise ordered, the price and date of order, and the nature of your complaint. Include proof of payment (copy of cancelled check, showing both sides, credit card statement, etc.). Keep a copy for your records.
3. Allow two weeks for a response from the advertiser.
4. If your complaint is still not resolved, contact us in writing (no phone calls, please), enclosing copies of all correspondence and proof of payment along with an explanation of what has transpired.

Mail to:
VIDEO Magazine
Advertiser Complaint Dept.
460 West 34th Street
New York, NY 10001

Other organizations that can assist you if you have a problem.

The Direct Mail Marketing Association
Mail Order Action Line
6 East 43rd Street
New York, NY 10017

Your local postmaster
(Ask for the name and address of the appropriate "Inspector-in-Charge.")

Your state or local consumer protection office or the office closest to the advertiser.

The Better Business Bureau.

Your state Attorney General's office.

Is your Cable Company Alienating You?



**Say NO to unearthly
rental fees!**

Owning your cable equipment saves you the high cost of monthly equipment rental charges, and gives you control of your TV.

We have the Best in

CONVERTERS and DESCRAMBLERS!

Everquest • Panasonic • Jerrold • Zenith • Pioneer
Scientific Atlanta • Oak • Eagle • Hamlin • Tocom

1 800 624-1150

**FREE
Catalog!**



MD Electronics

**CALL
TODAY!**

875 S. 72 Street • Omaha, NE 68114

WE WELCOME CALLS!

SONY

JVC

Panasonic

FUJIX

RCA

VIDEONICS

Scotch

RICOH

TDK

BOSE

maxell.

Nady

Canon

Sima

MINOLTA

BOGEN

Citizen

Panasonic

RECOTON

AIWA

AMBICO

AUDIO SOURCE

SHARP

EVERQUEST

Vivitar

CRAIG

AZDEN

TEAC

VANGUARD

GE

SUNPAK

MONSTER CABLE

LENMAR

DISCWASHER

VIDCAM

ADVENT

TUNDRA

GO - VIDEO

FUJI

AUTHORIZED DEALER



PLANET



ALL MERCHANDISE FACTORY SEALED

CODE VI 51

ELECTRONICS

WE SHIP C.O.D.

NOBODY BEATS US!

IF YOU FIND A BETTER DEAL... WE'LL BETTER OUR DEAL!

8414 Lilley
Canton, Michigan 48187
800-247-4663
in Michigan, call:
313-453-4750

PLANET'S PHILOSOPHY

Our goal is to provide the best prices on the equipment we offer. We value repeat business and referrals. Therefore, service must be provided before and after the sale.

MACRO BUSTER
\$49

Removes copy protectors
100% GUARANTEED

All merchandise is authorized and factory-sealed. No credit card fees. No excessive shipping charges. No "Bait and Switch".

As a PLANET customer your satisfaction is our success. If you have any questions or problems, please call customer services.

THANK YOU!

800-247-4663

RCA
AUTHORIZED DEALER

SONY

AUTHORIZED DEALER
VCR'S • TV'S
CAMCORDERS
AUDIO

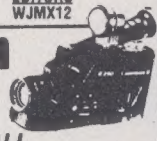


Panasonic

AUTHORIZED DEALER
CAMCORDERS VCR'S TV'S
AG455 AG1240 CT2083VY
AG195 AG1740 CT1383VY
AG460 AG1970 EDITORS
PROJECTORS AGW1 WJMX12

Canon

AUTHORIZED DEALER
CAMCORDERS
WE STOCK 'EM ALL.



Citizen

LCD 3" COLOR MONITOR M329
LCD 4" COLOR MONITOR M938



BOGEN TRIPODS

3124 - Dolly 3144 - Shoulder Mount
3016 - Monopod 3179 - Tri-pod
3116 - Mini 3170 - Tri-pod Please
3140 - Pro 3160 - Tri-pod Call!

VCR'S • CAMCORDERS • TV'S

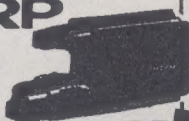
JVC

AUTHORIZED DEALER
AUDIO/VIDEO RECEIVERS
CASSETTE DECKS • VCR'S • TV'S
CAMCORDERS • CD'S



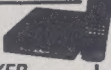
SHARP

AUTHORIZED DEALER
CAMCORDERS
PLEASE CALL!



VIDEONICS

TITLEMAKER • EDITMAKER
SPECIAL EFFECTS MIXER • COLOR
EQUALIZER • THUMBS UP



Sima EDITORS

EDIT 2 • 3 • FX4 • BATTERY
REFRESHERS Please Call!

Panasonic

AUTHORIZED DEALER
VCR'S • CAMCORDERS • TV'S
VIDEO PROJECTORS
EDITORS



FUJIX

AUTHORIZED DEALER
CAMCORDERS VIDEO
FUJF120SW PROJECTORS
F122SW P701
F128SW



AIWA

AUTHORIZED DEALER
MINI AUDIO SYSTEM
PAL/SECAM VCR's



AZDEN MICROPHONES

Improve Camcorder Performance.



Nady

PRO VIDEO MICROPHONES
Call for Details.



FREE CATALOG

64 PAGES FILLED WITH PRICING
& SPECS ON CAMCORDERS,
TV'S, VCR'S AND
ALL AUDIO/VIDEO PRODUCTS.

CALL CUSTOMER SERVICE
800-247-4663

VIDEO TAPE

maxell

SONY

TDK • JVC

Scotch • FUJI

All sizes & formats.

WHATEVER YOU NEED IN VIDEO ...



WE STOCK IT! JUST CALL!
YOUR SATISFACTION IS
OUR SUCCESS!



CAMCORDER ACCESSORIES

Lights • Lenses • Tripods • Editing
Rewinders



OFF THE AIR

Is HDTV doomed? Smoked? Kaput?

Remember Cinerama?

Teen-agers won't, but for aging baby boomers like myself, watching *2001: A Space Odyssey* reinvent the look of the universe across an immense curved screen made for an unforgettable trip to the movies. That was at the tail end of the '60s when a chain of Cinerama theaters would soon, we were promised, revolutionize moviegoing with giant panoramic epics so dazzling they had to be shot with three cameras lashed together. Everybody loved Cinerama, except the paying public. After years of great expectations and a season of pizzazz, Cinerama withered, leaving the future of movie theaters to multiplexing, which offered pretty much Cinerama's opposite—more movies on smaller screens.

Is history about to repeat itself? Now, 25 years later, in an era steeped in video, is a grand vision of television's future about to be overtaken, as was Cinerama, by more pragmatic technology? Is HDTV dead? Doomed before it's done? Kaput? Smoked? Finished? Ready to be put on the shelf before it's put into stores?

The short answer is no, of course not. High-definition television's alive and kicking. Just look at the blue-chip lineup of companies behind it, and the action in Washington where four systems are fighting for a national franchise. How can it be dead? For most people, HDTV's yet to be born. But a more realistic answer would acknowledge there are reasons to feel anxious.

Some of the reasons are in Washington, where the new information order is more committed than ever to high-tech enterprises, but no longer quite so wedded to HDTV as its centerpiece. Alfred Sikes' departure as chief of the Federal

Communications Commission ended his daring campaign to regulate HDTV into existence within the next two decades. With Sikes gone, the FCC's effort to find an ideal HDTV system for the country has yielded a preliminary, inconclusive report. At presstime, the HDTV contestants were feuding about how the competition should proceed or whether they should, somehow, merge their systems into one.

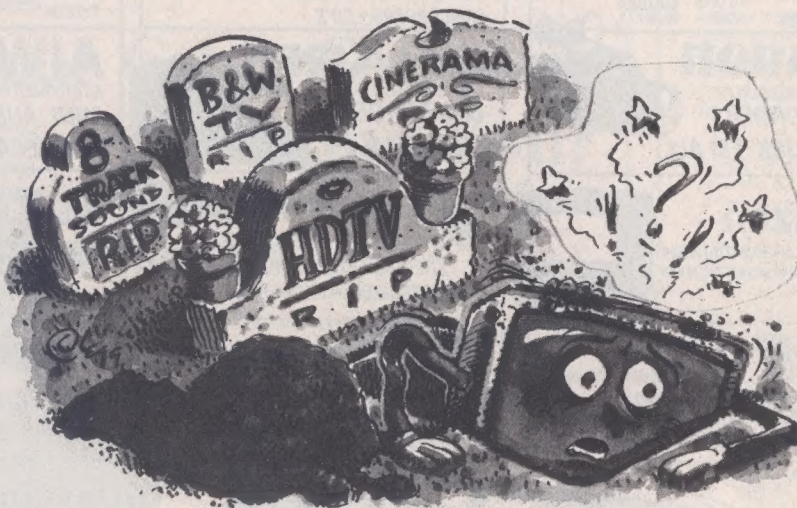
Meanwhile, projects that make HDTV seem less urgent are barreling ahead. Cable companies, phone companies, computer companies, even former defense companies are scrambling to pave the "data superhighway" that is

powerful players. They see millions going into costly HDTV components, but precious little income coming their way to pay back the investment. At a recent conference of entertainment executives and investors sponsored by Wertheim Schroder and *Variety*, HDTV was hardly mentioned. "Profound changes are coming in the next few years," said Wertheim Schroder's managing director David Londoner, as he described the critical issues confronting the TV and cable industries. They included interactivity, the cost of 500-channel upgrades and competition with phone and satellite companies developing new services—but not HDTV.

Cost will also be a vital issue to viewers, who will be expected to fork over big bucks for HDTV sets. Yet by the time they show up in stores, HDTV sets will no longer have an exclusive on what some studies identify as the technology's most attractive feature—a wide aspect ratio. This year's new widescreen TV sets will show viewers that they need not wait for HDTV to enjoy 16:9 pictures at home and that, in coming years, they won't have to buy HDTVs to enjoy wide-screen pictures.

HDTV has been on the drawing boards in one form or another for more than 20 years. It's long been available in limited amounts in Japan and Europe, where sets are forbiddingly expensive. Analog versions of HDTV are already considered obsolete. A few years ago, HDTV promised to be the technological engine that would transform television in the '90s. That's no longer the case.

The field is crowding with alternatives, and the competition's fiercer. HDTV's still in the running for a share of TV's future. But it had better hurry up. Something's gaining.



so much on Washington's mind. In search of lucrative new markets, they're planning to pave it with hundreds of extra channels and dozens of fresh types of programs. In this environment, a high-definition picture may become just one among many new video services. If we want to watch a movie in a high-definition mode, we'll pay extra, but we certainly won't watch everything in high-definition.

The TV networks already dread the cost of converting their broadcast stations to HDTV, especially at a time when the networks are becoming less



Can you spot the Mitsubishi 35" TV in this ad?
(Hint: it's the one sitting behind our new 40")

It's 31% bigger than a 35", 119% bigger than a 27" and 1000% bigger than we could show you in this ad. It's the new Mitsubishi 40", the largest tube television you can buy. Once you've seen it, it's kind of hard to see anything else.

 **MITSUBISHI**
TECHNICALLY, ANYTHING IS POSSIBLE®



© 1993 Mitsubishi Electronics America, Inc. Curiosity is a good thing. Call 1-800-374-4402 if you'd like to hear more about the Mitsubishi 40".
Circle 55 on Reader Service Card.